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Lake's

SHENANDOAH NURSERIES

Shenandoah, Iowa

BULLETIN NO. 1 February 7, 1953

THESE DOLLARS CAN BE
YOURS IF **YOU**
ONLY GO AFTER
THEM.



Call Today-Phone 406

**TO PLACE YOUR ADDITIONAL
ORDER WHILE STOCK LASTS**

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK FOR OVER 83 YEARS

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due NET 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses (except patented roses), Vines, PERENNIALS (including PEONIES and LILIES). FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP.

300 or more take 1000 rates where published.

30 to 300 take 100 rates.

Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED

30 trees (any assortment) take 100 rates.

Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.

Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are SUBJECT TO CHANGE WITHOUT NOTICE. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice Pres.

J. D. CRAMER, Sales Manager.

R. H. FILLMORE B. A., M. S. Research

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10, 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

						Per 10	Per 100	Per 1000
Standard First Class, 4½ ft. and up, 11/16 to 7/8 in.						\$6 50	\$60 00	\$-----
" " " 4 " " " 9/16 to 11/16 in.						5 50	50 00	-----
" " " 3 " " " 7/16 to 9/16 in.						4 50	40 00	350 00
" " " 2 " " " 5/16 to 7/16 in.						3 20	28 00	250 00
" " " 5 " " " 7/8 in., and up						7 50	-----	-----
7/8" & up 11/16-7/8" 9/16-11/16" 7/16-9/16" 5/16-7/16"								
Anoka		40	200	150	540			
Baldwin			190	370	150			
Beacon		30	100	200	230			
Cortland	150	70	390	510	130			
Delicious Dark Red		190	60	440	1710			
Delicious Yellow	850	50	-----	430	1620			
Duchess Dark Red		-----	-----	280	170			
Early Harvest		-----	-----	200	70			
Fameuse		40	150	-----	140			
Fireside		120	50	80	60			
Grimes Golden	170	400	-----	1150	450			
Haralson		40	40	485	170			
Hawkeye Greening		30	30	60	-----			
Hibernal		-----	30	40	100			
Hyslop		-----	-----	150	-----			
Ida Red		20	30	30	20			
Joan		20	-----	30	-----			
Jonathan Dark Red	205	280	-----	1550	3800			
Lodi		920	580	507	1064			
McIntosh Dark Red	75	100	350	1010	60			
McIntosh Early		-----	120	70	200			
McIntosh Milton		100	100	230	100			
Maiden Blush		-----	-----	40	130			
Minjon	35	-----	-----	-----	-----			
N. W. Greening		-----	280	100	290			
Prairie Spy		-----	300	400	490			
Redwell		20	150	110	50			
R. I. Greening		170	20	-----	-----			
Roman Stem		120	90	160	40			
Red June		-----	-----	370	380			
Rome Beauty Red		150	-----	90	350			
Stayman Dark Red		260	190	280	500			
Tolman Sweet		-----	30	50	30			
Turley		-----	500	820	330			
Victory		90	80	-----	-----			
Virginia Crab	175	240	760	380	190			
Wealthy		-----	40	360	50			
Whitney	100	-----	160	510	290			
Winesap Dark Red		-----	30	210	70			
Yellow Transparent	280	330	670	130	860			

APPLE—DWARF

					Per 10
11/16 in. and up					\$13 50
9/16 to 11/16 in.					11 00
7/16 to 9/16 in.					8 50
5/16 to 7/16 in.					5 50
11/16" & up 9/16-11/16" 7/16-9/16" 5/16-7/16"					
Delcon (Semi-Dwarf)	100				
Delicious Dark Red	30	60	30	-----	
Delicious Yellow	80	-----	150	40	
Jonathan Dark Red	-----	420	-----	50	
McIntosh Dark Red	-----	200	30	70	
Stayman Dark Red	-----	60	50	90	
Yellow Transparent	-----	30	-----	-----	

LAKE'S APPLE TRIO

Shenandoah Grown

These trees were dormant budded in the Summer of 1950 on strong side limbs of 2 year trees. These buds (3) have a full one year growth. The branches are heavy and well established.

	Per 10
70 Three Year, 11-16 in. and up.....	\$ 9 00
90 Three Year, 9-16 in. and up.....	7 50

CHERRY—Sour, Two Year

(On Mahaleb)

	Per 10	Per 100
5 ft. and up, 1 in. and up.....	\$ 11 50	\$-----
4 " " " 11/16 in. and up.....	9 00	85 00
3½ " " " 9/16 to 11/16 in.....	8 00	75 00
3 " " " 7/16 to 9/16 in.....	6 50	60 00
2 " " " 5/16 to 7/16 in.....	4 50	40 00
	1" & up	11/16-1" 9/16-11/16" 7/16-5/16" 5/16-7/16"
Early Richmond	390	400 50 ----- 110
Eng. Morello		190 20 70 140
Montmorency	330	1220 750 1500 320

**HERE AGAIN A SMALL AMOUNT OF THE
FAMOUS FRUIT-MOR-ENCY**

This vastly improved strain of Montmorency was developed in Fruitland, Idaho. The outstanding characteristics of this strain are its semi-dwarf habit of growth and the larger fruit which is produced more abundantly than other strains.

	Two Year on Mahaleb	Per 10	Per 100
90 4 ft. and up, 1" and up.....		\$11 00	\$-----
780 3½ " " " 11/16 in. and up.....		10 00	95 00
280 3 " " " 9/16 to 11/16 in.....		9 00	-----
130 2½ " " " 7/16 to 9/16 in.....		7 50	-----
110 2 " " " 5/16 to 7/16 in.....		5 50	-----

CHERRY—Sweet, One and Two Year

(On Mahaleb)

	Per 10	Per 100
5 ft. and up, 1 in. and up, mostly branched.....	\$12 50	\$-----
4½ " " " 11/16 in. and up. branched & whips.....	10 00	90 00
4 " " " 9/16 to 11/16 in., " " ".....	8 50	80 00
3 " " " 7/16 to 9/16 in., " " ".....	7 00	65 00
2 " " " 5/16 to 7/16 in., mostly whips.....	5 00	45 00
	1" & up	11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"
Bing		30 -----
Black Tartarian		----- 40
Kansas Sweet	110	100 20 50 30
Lambert		30 ----- 70
Napoleon		90 ----- 230
Schmidt's Big		10 30 110 -----
Victor		60 70 ----- 80
Windsor		50 40 10 120
Yellow Glass		20 40 380 240
Yellow Spanish		----- 85 -----

HANSEN'S BUSH CHERRY

(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

		Per 10	Per 100	Per 1000
170	3 to 4 ft., transplants	\$ 4 00	\$-----	\$-----
300	2 to 3 ft., "	2 90	25 00	220 00
1600	18 to 24 in., "	2 40	20 00	180 00
1360	12 to 18 in., "	1 80	14 00	120 00
150	18 to 24 in., one year seedlings	-----	8 00	70 00
980	6 to 12 in., " " "	-----	4 00	35 00

PEAR STANDARD

		Per 10	Per 100
Two Year, 5 ft. and up, 1 in., and up		\$ 9 50	\$-----
" " 4½ " " " 11/16 to 1 in.		8 00	75 00
" " 4 " " " 9/16 to 11/16 in.		7 00	65 00
" " 3 " " " 7/16 to 9/16 in.		6 00	55 00
" " 2 " " " 5/16 to 7/16 in.		4 00	35 00

1" & up 11/16-1" 9/16-11/16" 7/16-5/16" 5/16-7/16"

Bantam	50	80	30	50
Bartlett	2170	500	110	100
Cope's Seedless	-----	-----	-----	110
Douglas	590	800	110	190
Gorham	170	270	70	70
Kieffer	90	120	50	-----
Lincoln	440	270	-----	70
Mendel	-----	370	110	50
Orient	80	220	160	50
Parker	70	70	-----	10
Seckel	140	900	40	230

PEAR—DWARF

		Per 10
Two Year, 11/16 in. and up		\$ 9 50
" " 9/16 to 11/16 in.		8 00
" " 7/16 to 9/16 in.		5 50
" " 5/16 to 7/16 in.		4 00
	11/16" 9/16" 7/16" 5/16"	
Clapp's Favorite	60 40 90	
Duchess	200	
Kieffer	140	

PEACH—One Year

		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up		\$ 6 50	\$ 60 00	\$-----
4 " " " 9/16 to 7/16 in.		6 00	55 00	-----
3 " " " 7/16 to 9/16 in.		4 50	40 00	350 00
2 " " " 5/16 to 7/16 in.		3 20	28 00	250 00

11/16" & up 9/16-11/16" 7/16-9/16" 5/16-7/16"

Belle of Georgia	50	280	1610	1920
Champion	-----	220	60	60
Early Crawford	-----	-----	260	130
Early Elberta	-----	-----	1170	1410
Early Elberta Sullivan's	-----	50	280	180
Elberta	-----	85	300	2610
Frank	-----	30	90	50
Golden Jubilee	-----	110	1600	1560
Hale Haven	-----	-----	210	920
Heath Cling	290	320	180	100
Indian Cling	20	110	-----	-----
J. H. Hale	-----	-----	340	1180
Mayflower	170	-----	80	50
Polly	-----	-----	30	40
Red Haven	-----	-----	-----	140
Rochester	280	-----	640	600
South Haven	70	-----	540	270
Valiant	80	-----	60	780

FERTILE HALE PEACH**Patent No. 175**

An improved Hale type peach which is self fertile requiring no cross pollination. Hardier and more vigorous than J. H. Hale or Elberta. Fruit is yellow with deep carmine blush, ripens with last of Elbertas. An outstanding commercial variety. Frequently brings premium market prices. Excellent shipper.

			Per 10	Per 100	Per 1000
70	4 ft. and up,	9/16 to 11/16 in.	\$ 7 00	\$ 65 00	\$ -----
400	3 " " "	7/16 to 9/16 in.	5 50	50 00	450 00
900	2 " " "	5/16 to 7/16 in.	4 50	40 00	350 00

Suggested retail price 10¢ per tree higher than unpatented varieties.

APRICOT —One Year

(On Peach Roots)

			11/16" & up	9/16-11/16"	7/16-9/16"	5/16-7/16"
4½ ft. and up,	11/16 in. and up		\$10 00	\$ 90 00	\$ -----	
4 " " "	9/16 to 11/16 in.		8 00	75 00	-----	
3 " " "	7/16 to 9/16 in.		7 00	65 00	600 00	
2 " " "	5/16 to 7/16 in.		5 50	50 00	450 00	

			11/16" & up	9/16-11/16"	7/16-9/16"	5/16-7/16"
Early Golden		30	-----	-----	-----	300
Manchu		-----	-----	-----	70	970
Moorpark		-----	-----	-----	190	180
Perfection		50	90	-----	40	110
Scout		20	-----	-----	120	70
Superb		-----	-----	-----	700	730

NECTARINE

			Per 10	Per 100
One Year, 3½ ft. and up,	9/16 to 11/16 in.		\$ 7 50	\$ 70 00
" " " 3 " " "	7/16 to 9/16 in.		5 50	50 00
" " " 2 " " "	5/16 to 7/16 in.		4 00	35 00

		9/16-11/16"	7/16-9/16"	5/16-7/16"
Hunter		20	110	60
Surecrop		140	290	180

PLUM**EUROPEAN and JAPANESE**

(On Myrobalan)

			Per 10	Per 100
4½ ft. and up,	11/16 in. and up		\$ 8 00	\$ 75 00
4 " " "	9/16 to 11/16 in.		7 00	65 00
3 " " "	7/16 to 9/16 in.		5 50	50 00
2 " " "	5/16 to 7/16 in.		4 00	35 00

		11/16-1"	9/16-11/16"	7/16-9/16"	5/16-7/16"
Abundance		-----	-----	80	-----
Ames		-----	60	-----	-----
Green Gage	40	-----	20	-----	80
Italian Prune		-----	130	60	140
Lombard		-----	-----	40	-----
Red June		-----	-----	150	50
Stanley Prune		-----	-----	50	200
Yellow Egg		-----	130	160	70

HOWARD'S MIRACLE**Patent No. 721**

A new truly miracle plum. Flavor resembles combination of nectarine, peach, and plum. Fruit is large averaging 2½ to 2¾ inches in diameter. Ripens over long period during July and August. Good keeper. A fast growing and quick bearing tree, often bearing second year after planting. Tree is medium size and attractive as ornamental tree. Tests show hardness as far north as Northern Ohio. Can safely be planted where temperatures do not go below zero.

			Per 10	Per 100
100	4½ ft. and up,	11/16 in. and up	\$ 9 50	\$ 90 00
70	4 " " "	9/16 in. to 11/16 in.	8 50	80 00
110	3 " " "	7/16 in. to 9/16 in.	7 50	70 00

(Suggested minimum retail price, \$2.00 each)

PLUM—One Year
AMERICAN and HARDY HYBRIDS
 (On Native Roots)

		Per 10	Per 100
4½ ft. and up, 11/16 to 1 in.	-----	\$ 8 00	\$ 75 00
4 " " " 9/16 to 11/16 in.	-----	7 00	65 00
3 " " " 7/16 to 9/16 in.	-----	5 50	50 00
2 " " " 5/16 to 7/16 in.	-----	4 00	35 00
	11/16-1" 9/16-11/16" 7/16-9/16" 5/16-7/16"		
Ames No. 200	----- 60	-----	-----
Compass	----- 190	170	-----
Ember	100 ----- 110	50	-----
Hanska	----- 50	120	-----
Kaga	50 -----	20	-----
Kahinta	170 ----- 50	-----	-----
Oka	120 ----- 210	-----	30
Omaha	110 -----	-----	-----
Opata	20 ----- 150	-----	-----
Oxheart	-----	30	-----
Radiance	90 ----- 80	40	240
Red Coat	100 ----- 20	-----	20
Sapa	30 ----- 280	-----	30
Superior	50 -----	40	20
Terry	----- 100	80	20
Toka	70 -----	-----	-----
Underwood	90 ----- 150	20	20

BLACKBERRIES

Tied 25 per Bundle

	Per 100	Per 1000
3000 Early Harvest, No. 1	\$ 6 00	\$ 55 00

CURRENTS

Tied, No. 1, 25; No. 2, 50 per Bundle.

500	Cherry, dark red, 2 Yr. No. 1	16 00	140 00
300	" " 2 Yr. No. 2	12 00	100 00
	Red Lake, the light red berries are large in long clusters; thrifty and extremely productive.		
300	2 Year, No. 1	18 00	160 00
400	2 Year, No. 2	14 00	120 00

GOOSEBERRIES

Tied 25 per Bundle.

Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.

300	2 Yr. No. 1	\$35 00	\$
500	2 Yr. No. 2 or 1 Yr. No. 1	28 00	

RASPBERRIES

Tied 25 per Bundle.

Chief, a Latham seedling, finest early red; heavy producer.

2000	No. 1 Suckers	\$ 8 00	\$ 75 00
5000	Cumberland, most widely planted black-cap Raspberry. Tips	5 50	50 00
	Indian Summer, (Red Everbearing), a superior new everbearing variety; large, of high quality.		
3000	1 Yr. No. 1 Suckers	9 00	85 00
	Latham, a large, productive red variety, always in demand.		
7000	No. 1	8 00	75 00
	Morrison, a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
2000	Tips	6 50	60 00
	Sodus, a new very large drought-resistant purple Raspberry; possibly most productive of all Raspberries.		
2000	1 Yr. No. 1 Tips	7 00	65 00

GRAPE VINES

Tied, 2 Yr. No. 1, 50; 2 Yr. No. 2, 100 per Bundle

		Per 100	Per 1000
500	Agawam , red, 2 Yr. No. 2 or 1 Yr. No. 1	\$14 00	\$120 00
300	Beta , black, 2 Yr. No. 2 or 1 Yr. No. 1	14 00	120 00
	Caco , red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
300	2 Yr. No. 1	22 00	190 00
300	2 Yr. No. 2 or 1 Yr. No. 1	18 00	160 00
3000	Concord , black 2 Yr. No. 1	14 00	120 00
7000	" " 2 Yr. No. 2 or 1 Yr. No. 1	10 00	90 00
	Golden Muscat , large, golden grape of California type; very sweet; large bunches. Hardy in Middle West.		
150	2 Yr. No. 1	60 00	
300	2 Yr. No. 2 or 1 Yr. No. 1	50 00	
500	Moore's Early , black, 2 Yr. No. 1	18 00	160 00
500	" " " 2 Yr. No. 2 or 1 Yr. No. 1	15 00	130 00
1500	Niagara , white, 2 Yr. No. 1	17 00	150 00
1000	" " 2 Yr. No. 2 or 1 Yr. No. 1	14 00	120 00
	Portland , earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
50	2 Yr. No. 1	22 00	
300	2 Yr. No. 2 or 1 Yr. No. 1	16 00	
	Sheridan , black. Ripens one week later than Concord; better flavor; an excellent keeper.		
300	2 Yr. No. 1	22 00	
300	2 Yr. No. 2 or 1 Yr. No. 1	16 00	

MISCELLANEOUS

		Per 100	Per 1000
10000	Asparagus , Conover's Washington Palmetto, 3 Yr. No. 1	\$ 3 50	\$ 30 00
25000	" " " " 2 Yr. No. 1	2 60	22 00
20000	" " " " 1 Yr. No. 1	1 80	15 00
	Asparagus , Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.		
1000	3 Yr. No. 1	3 50	30 00
10000	2 Yr. No. 1	2 60	22 00
5000	1 Yr. No. 1	1 80	15 00
3000	Boysenberry , Tip plants	6 00	55 00
5000	Boysenberry , Thornless, Tip plants	7 00	65 00
1000	Dewberry , Lucretia, R. C. Plants, No. 1	5 60	50 00
5000	Horse Radish , Crowns	6 00	55 00
25000	" " Cuttings	3 00	25 00
1000	Rhubarb , Victoria, Whole Roots, 2 Yr. 1½ in. and up	8 50	80 00
3000	" " " " " 1 to 1½ in.	6 50	60 00
10000	" " " " " 1 Yr. 5/8 to 1 in.	5 00	45 00
10000	" " " " " ½ to 5/8 in.	4 00	35 00
		Per 10	Per 100
500	Rhubarb , Chipman Red, sweet and of excellent flavor; stems dark red throughout.	\$ 4 50	\$ 40 00
500	Rhubarb , McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	3 20	28 00
300	Rhubarb , Ruby, intensely red and of excellent quality; a new hardy variety.	3 20	28 00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

Tied 3-4 ft. and up, 26; 2-3 ft., 50; 18-24 in. and smaller, 100 per bundle.

		Per 100	Per 1000
ASH, GREEN (<i>Fraxinus pennsylvanica lanceolata</i>)			
4800	6 to 12 in.	\$ 1 20	\$ 10 00
3300	12 to 18 in.	1 80	15 00
3900	18 to 24 in.	2 50	22 00
720	2 to 3 ft.	3 50	30 00
BOX ELDER (<i>Acer Negundo</i>)			
880	6 to 12 in.	1 20	10 00
920	12 to 18 in.	1 80	15 00
100	18 to 24 in.	2 60	22 00
CARAGNA arborescens (Siberian Peashrub)			
6600	6 to 12 in.	2 10	18 00
5875	12 to 18 in.	3 50	30 00
250	18 to 24 in.	4 50	40 00
CATALPA speciosa, Western Catalpa			
9800	6 to 12 in.	1 20	10 00
5600	12 to 18 in.	1 70	14 00
3500	18 to 24 in.	2 40	20 00
400	2 to 3 ft.	3 50	30 00
CHESTNUT CHINESE, <i>Castanea mollissima</i>			
250	6 to 12 in.	8 50	75 00
400	12 to 18 in.	14 00	110 00
300	18 to 24 in.	20 00	180 00
300	2 to 3 ft.	22 00	200 00
CORYLUS AMERICANA, (American hazelnut)			
170	6 to 12 in.	7 00	60 00
170	12 to 18 in.	9 00	80 00
ELM, American (<i>Ulmus americana</i>)			
900	6 to 12 in.	90	8 00
ELM, Chinese (<i>Ulmus pumila</i>)			
83600	6 to 12 in.	1 20	10 00
32900	12 to 18 in.	2 10	18 00
15500	18 to 24 in.	2 90	25 00
HONEY LOCUST (<i>Gleditsia triacanthos</i>)			
300	18 to 24 in.	2 60	22 00
1000	2 to 3 ft.	4 00	35 00
600	3 to 4 ft.	6 50	60 00
300	4 to 5 ft.	10 00	90 00
HONEY LOCUST, Thornless (<i>Gleditsia triacanthos inermis</i>)			
100	12 to 18 in.	2 40	20 00
4000	18 to 24 in.	3 50	30 00
1900	2 to 3 ft.	5 00	45 00
300	3 to 4 ft.	8 00	70 00
300	4 to 5 ft.	140 00	120 00
LOCUST, Black (<i>Robinia pseudoacacia</i>)			
300	3 to 4 ft.	5 00	45 00
300	4 to 5 ft.	8 00	70 00
400	5 to 6 ft.	11 00	100 00
50	6 to 8 ft.	16 00	-----
MAPLE, Silver (<i>Acer dasycarpum</i>)			
300	6 to 12 in.	2 10	18 00
11350	12 to 18 in.	2 90	25 00
1480	18 to 24 in.	4 00	35 00
4480	2 to 3 ft.	6 50	60 00
450	3 to 4 ft.	10 00	90 00

DECIDUOUS TREES AND ORNAMENTAL SEEDLINGS—Continued

MULBERRY, Russian (<i>Morus alba tatarica</i>)		Per 100	Per 1000
2000	6 to 12 in.	\$ 1 20	\$ 10 00
1000	12 to 18 in.	1 90	16 00
300	18 to 24 in.	2 90	25 00
200	2 to 3 ft.	4 00	35 00
OAK, Pin, (<i>Quercus palustris</i>)			
4800	9 to 12 in.	6 50	55 00
2400	12 to 18 in.	8 50	75 00
400	2 to 3 ft.	16 00	140 00
OAK, RED, (<i>Quercus rubra</i>)			
1150	6 to 12 in.	7 00	60 00
500	12 to 18 in.	9 00	80 00
350	18 to 24 in.	13 00	110 00
550	2 to 3 ft.	20 00	-----
PERSIMMON, (<i>Diospyros virginiana</i>)			
6800	6 to 12 in.	2 90	25 00
1400	12 to 18 in.	4 50	40 00
1300	18 to 24 in.	5 60	50 00
1100	2 to 3 ft.	7 00	60 00
RED BUD, (<i>Cercis canadensis</i>)			
1900	6 to 12 in.	5 00	40 00
700	12 to 18 in.	7 00	60 00
1000	18 to 24 in.	12 00	100 00
RUSSIAN OLIVE (<i>Elacagnus angustifolia</i>)			
6800	6 to 12 in.	2 40	20 00
1400	12 to 18 in.	3 50	30 00
1300	18 to 24 in.	5 00	45 00
1100	2 to 3 ft.	7 50	65 00
WALNUT, Black (<i>Juglans nigra</i>)			
770	6 to 12 in.	2 10	18 00
2200	12 to 18 in.	3 50	30 00
1100	18 to 24 in.	4 50	40 00
1000	2 to 3 ft.	6 50	55 00
POPLAR (<i>Populus</i>)			
Carolina and Norway			
500	2 to 3 ft., whips	4 50	40 00
600	3 to 4 ft. "	7 00	60 00
360	4 to 5 ft., lightly branched	8 50	75 00
140	5 to 6 ft., " "	10 00	90 00
ONE YEAR FROM CUTTINGS			
WILLOW (<i>Salix</i>)			
Laurel leaved (<i>pentandra</i>)		Per 100	Per 1000
100	18 to 24 in.	\$ 3 00	\$ -----
370	3 to 4 ft.	7 50	-----
70	4 to 5 ft.	10 00	-----
Niobe (<i>Golden Weeping</i>)			
300	18 to 24 in.	3 00	-----
900	2 to 3 ft.	7 00	60 00
150	3 to 4 ft.	8 50	-----
Russian Golden			
800	12 to 18 in.	2 00	18 00
150	18 to 24 in.	2 60	-----
2900	2 to 3 ft.	4 00	35 00
1150	3 to 4 ft.	5 00	45 00
150	4 to 5 ft.	8 00	-----

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread.

All calipers are taken 6 inches above the collar.

ASH (FRAXINUS)

Per 10 Per 100

Green (*pennsylvanica lanceolata*) 50-60 ft.

Shapely, round-headed trees with slender, spreading branches. Hardy.

50	3 to 4 ft.	\$ 4 50	\$ 40 00
30	4 to 5 ft.	6 50	60 00
30	5 to 6 ft.	11 00	100 00
80	6 to 8 ft.	15 00	140 00

BIRCH (BETULA)

Cut Leaf Weeping (*alba laciniata*) 30-40 ft.

Deeply cut leaves on graceful, drooping branches; silvery white bark. Most effective as a specimen lawn tree, or a group planting.

110	4 to 5 ft.	14 00	125 00
85	5 to 6 ft.	19 00	175 00
290	6 to 8 ft.	25 00	225 00

European White (*Alba*) Tree Form 20-25 ft.

White barked, medium sized, graceful tree. Thrives well in even poor and dry soils.

550	3 to 4 ft.	5 50	50 00
20	4 to 5 ft.	11 00	100 00

CATALPA

bungei (Manchurian) 10-12 ft.

Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

300	1 year heads, 4 to 5 ft. stems	14 00	125 00
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CRAB, FLOWERING (MALUS)

Per 10 Per 100 Per 1000

niedzwetzkyana (Redvein Crab). 20-25 ft. Large deep pink flowers; red bark, leaves and fruit.

200	4 to 5 ft.	\$12 00	\$110 00	\$1000 00
1115	5 to 6 ft.	15 00	135 00	1250 00

CRAB FLOWERING (Malus)

↳ *Hopa* (Red Flowering Crab) 20-25 ft. April-May. One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

		Per 10	Per 100	Per 1000
220	18 to 24 in., Shrub form	3 00	25 00	200 00
600	2 to 3 ft., " "	5 00	45 00	400 00
920	3 to 4 ft., " "	8 00	75 00	700 00
660	4 to 5 ft., " "	11 00	100 00	900 00
1770	3 to 4 ft., Tree form	6 00	55 00	500 00
410	4 to 5 ft., " "	9 00	85 00	-----
440	5 to 6 ft., " "	12 00	110 00	-----

ELM (ULMUS)

American White (*americana*) 60-100 ft.

A stately, massive tree that affords ample shade and shelter.

		Per 10	Per 100
730	4 to 5 ft.	\$ 4 00	\$ 45 00
340	5 to 6 ft.	8 00	70 00
580	6 to 8 ft.	11 00	100 00
180	8 to 10 ft.	15 00	140 00

Chinese (*Ulmus pumila*) 40-50 ft.

A hardy, rapid-growing tree; small dense foliage; drought-resistant.

200	4 to 5 ft.	4 00	35 00
170	5 to 6 ft.	6 50	60 00
80	6 to 8 ft.	10 00	90 00
70	8 to 10 ft.	14 00	120 00
75	1¼ to 1½ in.	16 50	150 00
220	1½ to 1¾ in.	22 00	200 00

ORNAMENTAL and SHADE TREES—Continued

		Per 10	Per 100
MAPLE (ACER)			
Crimson King (platanoides schwedleri nigra) Patent No. 735. 40-50 ft.			
An improved form of Schwedleri Maple. In the spring the leaves have a richer purple color which lasts until they drop in the Fall. Hardy. Slower grower than Schwedleri.			
130	8 to 9 ft.	\$ 39 50	\$ -----
Norway (platanoides) 50-60 ft.			
Forms a rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.			
190	5 to 6 ft., whips	8 00	75 00
Schwedleri (Purple Leaf Maple) 40-50 ft.			
A perfectly shaped tree. Gleaming red and purplish-green in Mid-summer and in Autumn golden yellow.			
80	4 to 5 ft., whips	11 00	100 00
160	5 to 6 ft., "	15 00	135 00
Silver or Soft (dasycarpum) 60-80 ft.			
Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.			
130	4 to 5 ft.	7 00	60 00
320	5 to 6 ft.	9 50	85 00
160	1½ to 2 in.	32 50	300 00
Sugar or Hard (saccharum) 50-70 ft.			
One of our most beautiful shade trees. Foliage turns bright orange, sometimes scarlet in Autumn.			
570	4 to 5 ft.	12 00	110 00
290	5 to 6 ft.	16 50	150 00
260	6 to 8 ft.	25 00	225 00
MOUNTAIN ASH (SORBUS)			
European (aucuparia) 20-40 ft.			
Smooth bark and dense pyramidal heads, berry clusters are large and bright.			
240	4 to 5 ft.	11 00	100 00
OAK (QUERCUS)			
Pin (palustris) 70-80 ft.			
A broadly pyramidal tree; the leaves are deep green, glossy and finely divided. Orange-scarlet in Fall. A most desirable shade tree.			
250	4 to 5 ft.	17 50	160 00
300	2 to 2½ in.	65 00	600 00
POPLAR (POPULUS)			
Carolina (Norway variety) 70-80 ft.		Per 10	Per 100
Bright green foliage, spreading crown, very hardy. Extremely rapid growth.			
100	4 to 5 ft.	\$ 3 50	\$ 30 00
150	5 to 6 ft.	4 50	40 00
210	6 to 8 ft.	6 50	60 00
60	8 to 10 ft.	8 50	80 00
110	1¼ to 1½ in.	11 00	100 00
30	1½ to 2 in.	12 50	-----
Lombardy (nigra italica) 50-60 ft.			
Rapid, spire-like growth; fine for screens and formal planting.			
400	5 to 6 ft., low branched	3 50	30 00
600	6 to 8 ft., "	4 50	40 00
300	8 to 10 ft., "	6 00	55 00
100	1¼ to 1½ in., "	7 00	65 00
Simoni, Chinese Poplar. 40-50 ft.			
Hardy, pyramidal tree. Habits similar to Lombardy. Foliage not as dense and lighter color.			
600	4 to 5 ft.	3 50	30 00
350	5 to 6 ft.	5 50	50 00
20	8 to 10 ft.	11 00	-----
20	1¼ to 1½ in.	14 00	-----

ORNAMENTAL and SHADE TREES—Continued

PRUNUS (PLUM)

Per 10 Per 100

Newport (Purple-leaved Plum) (on peach only).

A large shrub with upright growth, purplish red foliage. Hardy.

550	2 to 3 ft.	\$ 9 00	\$ 85 00
240	3 to 4 ft.	11 00	100 00
70	5 to 6 ft.	15 00	-----

Persica (Flowering Peach) (Tree Form) 15-18 ft.

18 to 24 in.	2 90	25 00
2 to 3 ft.	4 50	40 00
3 to 4 ft.	6 00	55 00
4 to 5 ft.	8 00	75 00
5 to 6 ft.	11 00	100 00

	18/24"	2/3'	3/4'	4/5'	5/6'
Cardinal, Double red.	50	280	--	--	--
Iceberg, Snow-white.	--	340	300	290	70
Peppermint Stick, Bi-color red and white	--	90	110	130	80
Pink Charming, Double Pink	--	130	250	20	90

Pissardi Rosea. 10 ft.

Deep bronzy purple foliage, holding its deep purplish red shade, almost black throughout the summer. Completely covered with pink single flowers in spring.

A new introduction recently imported from England.

Per 10 Per 100

100	2 to 3 ft.	\$ 9 00	\$ 85 00
30	4 to 5 ft.	14 00	125 00

pissardi veitchi. 15 ft.

Completely covered in early spring with large clusters of double pink blooms similar to flowering cherry. Bronze colored foliage. Very hardy.

200	2 to 3 ft.	9 00	85 00
160	3 to 4 ft.	11 00	100 00
50	4 to 5 ft.	14 00	125 00
110	5 to 6 ft.	16 50	150 00

⇒ tomentosa, Orient Cherry.

An improved variety, producing an abundance of blooms. Self fertile, produces large quantities of fruit. Flesh of fruit is meaty, juicy with a pleasant subacid flavor. Excellent for eating fresh or for jam and jelly.

480	3 to 4 ft.	11 00	100 00
530	4 to 5 ft.	14 00	125 00
240	5 to 6 ft.	16 50	150 00

triloba (Double Flowering Plum.) 8-10 ft.

Known also as the "Rose Tree of China". One of the finest shrubs; completely covered with pink rose like flowers in April and May.

420	2 to 3 ft.	9 00	85 00
420	3 to 4 ft.	11 00	100 00
320	4 to 5 ft.	14 00	125 00

REDBUD (CERCIS)

canadensis 20-30 ft.

Produces an abundance of reddish-pink flowers in early Spring. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

30	4 to 5 ft.	16 00	145 00
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RUSSIANOLIVE (Elaeagnus angustifolia) 20-25 ft.

Attractive silvery gray leaves, grayish white berries. Desirable for grouping. Used extensively for windbreaks. Very hardy.

40	2 to 3 ft.	6 00	55 00
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ORNAMENTAL and SHADE TREES—Continued**THORN**

Per 10 Per 100

Paul's Scarlet.

Brilliant scarlet flowers in June; red fruit in fall.

150	5 to 6 ft.	\$27 50	\$250 00
150	6 to 8 ft.	32 50	300 00

WILLOW (SALIX)**FRENCH PUSSY WILLOW**

A fine cultivated French variety having long catkins. Commonly used in flower shops for decorations.

290	12 to 18 in.	3 50	30 00
650	18 to 24 in.	4 00	35 00
250	2 to 3 ft.	4 50	40 00

Niobe (Golden Weeping) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark.

120	8 to 10 ft.	13 50	125 00
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Russian Golden (vitellina) 26-30 ft.

Extremely hardy. One of the most wind-resisting windbreak trees.

70	2 to 3 ft.	3 00	25 00
340	3 to 4 ft.	3 50	30 00
640	4 to 5 ft.	4 50	40 00
60	5 to 6 ft.	7 00	65 00

Have you made provisions for Summer Sales

We still have a good selection in the right sizes suitable for potting and late spring sales.

Extend your selling season by potting up your stock.

Go the cash and carry way.

Go the thrifty way.

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in., and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALMOND (AMYGDALUS) (PRUNUS) Per 10 Per 100 Per 1000

Pink Flowering (glandulosa) April-May. 5-6 ft. On own root.

A beautiful small shrub, bearing an abundance of small, double, rose-like flowers, closely set upon twigs before the leaves appear.

740	12 to 18 in.	\$ 4 00	\$ 35 00	\$300 00
1800	18 to 24 in.	5 00	45 00	400 00
1710	2 to 3 ft.	6 00	55 00	500 00
1050	3 to 3½ ft.	7 00	65 00	600 00

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

12 to 18 in.	1 90	16 00	140 00
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 50	30 00	-----
3 to 4 ft.	4 50	40 00	-----

	12/18"	18/24"	2/3'	3/4'
Anemoneflorus , double bright pink.	150	730	370	900

Boule de Feu , double purplish-red.	1890	280	----	40
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*Coelestis , single blue.	290	----	----	----
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Jeanne de Arc , double white.	1490	1880	----	----
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Lucy , very double red.	1060	3630	150	40
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Purpurea Semi-Plena , semi-double clear purple	120	150	----	160
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Snowdrift , single white.	----	830	360	----
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Totus Albus , single white.	----	150	330	----
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*Starred variety 10¢ per plant higher than other varieties.

BARBERRY (BERBERIS) Per 10 Per 100 Per 1000

Redleaf (thunbergi atropurpurea)

Warm bronze-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

1880	9 to 12 in.	\$ 2 50	\$ 20 00	\$ -----
2050	12 to 15 in.	3 50	30 00	-----

thunbergi. 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries in winter.

950	9 to 12 in.	1 80	15 00	130 00
1370	12 to 15 in.	2 30	19 00	-----
180	15 to 18 in.	2 60	22 00	-----
450	2 to 2½ ft.	4 00	33 00	-----

TRUEHEDGE COLUMNBERRY

Var. Berberis Thunbergi, erecta

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

Size	Per 10	Per 100	Per 1000
280 12 to 15 inches	\$ 2 80	\$ 23 00	\$210 00
390 15 to 18 inches	3 50	30 00	270 00
950 18 to 24 inches	4 50	37 00	340 00
160 2 to 2½ ft.	5 50	45 00	-----

ORNAMENTAL SHRUBS—Continued

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.			
	Per 10	Per 100	Per 1000
Medium	\$ 2 90	\$ 25 00	\$220 00
No. 1	3 50	30 00	-----
Charming, 5-6 ft. Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.			
80	No. 1		
110	Med.		
Dubonnet, 4-5 ft. The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.			
350	No. 1		
270	Med.		
Ile de France, dark claret purple. Long spikes; free flowering and vigorous grower. Blooms profusely.			
50	No. 1		
1570	Med.		
CALLICARPA DICHOTOMA (PURPUREA) (Purple Beautyberry) 4-5½ ft.			
Pink flowers in fall, beautiful clusters of purple berries which attract birds. A good landscape shrub which should be used more often.			
	Per 10	Per 100	Per 1000
70 18 to 24 in.	\$ 4 50	\$ 40 00	\$ -----
50 2 to 3 ft.	5 50	50 00	-----
CALYCANTHUS (SWEET SCENTED SHRUB)			
Floridus. June-July. 4-5 ft.			
A hardy symmetrical shrub with dark green foliage and chocolate-colored flowers; very fragrant. Thrives well in shady locations.			
550 12 to 18 in.	4 00	35 00	300 00
CORNUS (DOGWOOD)			
alba siberica (Coral Dogwood) April-May. 8-10 ft.			
Stout, erect, bright red branches; white flowers, porcelain-blue berries.			
370 12 to 18 in.	2 90	25 00	220 00
130 4 to 5 ft.	7 50	70 00	-----
Florida (White Flowering Dogwood) July. 12-15 ft.			
Large spreading shrub or small tree, produces large single white flowers; red fruit in autumn. Glossy green foliage turns to many shades of red in fall.			
30 12 to 18 in.	7 50	70 00	-----
50 18 to 24 in.	8 50	80 00	-----
20 2 to 3 ft.	13 50	125 00	-----
160 3 to 4 ft.	18 50	175 00	-----
Florida Rubra (Red Flowering Dogwood) May. 12-15 ft.			
Beautiful single, deep pink flowers give this well shaped tree an unusual effect. Blooms in early spring. Thrives in sun or partial shade.			
110 2 to 3 ft. Wrapped in moss and burlap.	27 50	250 00	-----
stolonifera (Redosier Dogwood) May-June. 6-8 ft.			
Spreading but erect growing; white flowers and berries; dark red bark.			
60 2 to 3 ft.	5 50	50 00	-----
stolonifera lutea (Gold Twig Dogwood) 6-8 ft.			
A striking yellow-branched form of Stolonifera; of high decorative value.			
500 12 to 18 in.	3 00	25 00	220 00
130 18 to 24 in.	4 00	35 00	-----
470 3 to 4 ft.	6 50	60 00	550 00
Variegated, gouchaulti (Elegantissima) Silverblotch Dogwood. 6-8 ft.			
Silver variegated leaves, bright red bark. Very attractive.			
490 12 to 18 in.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—Continued

COTONEASTER

Per 10 Per 100 Per 1000

Acutifolia (Peking Cotoneaster) May-June. 10-12 ft.

A valuable massing and hedging shrub. Dark green leaves; black fruit.

60	12 to 18 in.	\$ 3 00	\$ 25 00	\$ -----
70	18 to 24 in.	4 00	35 00	-----
120	2 to 3 ft.	5 50	50 00	-----
80	3 to 4 ft.	6 50	60 00	-----

CRANBERRY, Highbush (See *Viburnum*)CREPE MYRTLE (*Lagerstroemis Indica*) 15-20 ft.

The summer blooming shrub of the South. Attractive deep green leaves and masses of crepe-like flowers from July through September.

9	to 12 in.	3 00	25 00	-----
12	to 18 in.	3 50	30 00	-----
18	to 24 in.	4 50	40 00	-----
2	to 3 ft.	5 50	50 00	-----

		2/3	18/24	12/18	9/12
Pink	-----	--	90	80	330
Purple	-----	40	--	110	--
Red	-----	50	30	460	270
Watermelon Red	-----	--	--	1940	--

Wm. Toovey

The finest of all Crepe Myrtles. The neat compact plant produces a solid mass of beautiful deep watermelon red flowers in large heads. A most profuse bloomer.

		Per 10	Per 100	Per 1000
240	9 to 12 in.	\$ 3 00	\$ 25 00	\$ -----
100	12 to 18 in.	3 50	30 00	-----

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

japonica (Japanese Flowering Quince) March-April. 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth. Cutting grown.

3620	12 to 18 in.	2 90	25 00	220 00
4810	18 to 24 in.	3 80	33 00	300 00
3670	2 to 3 ft.	5 00	45 00	400 00
1485	3 to 4 ft.	6 00	55 00	500 00

japonica rubra (True Red Flowering Quince) March-April. 5-6 ft.

An improved strain which produces true bright red flowers. A distinct improvement on the common japonica. Non-fruiting.

4320	12 to 18 in.	3 50	30 00	270 00
3190	18 to 24 in.	4 50	40 00	350 00

DEUTZIA

Gracilis (Slender; Dwarf Deutzia) May. 2½-3 ft.

One of the most useful of all dwarf-growing shrubs. A profusion of snow-white flowers in May. Will thrive in partial shade. Used for forcing.

380	12 to 15 in.	4 50	40 00	-----
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Lemoinei (Lemoine Deutzia) May. 3-4 ft.

Very floriferous, semi-dwarf hybrid variety; creamy white flowers in short, chubby sprays; distinct from all other varieties.

140	12 to 18 in.	4 00	35 00	-----
320	18 to 24 in.	5 00	45 00	-----
140	2 to 3 ft.	6 00	55 00	-----

Pride of Rochester. May. 8-10 ft.

A tall, broad-topped bush, double white flowers tinged pink.

2265	12 to 18 in.	3 20	28 00	250 00
1810	18 to 24 in.	4 00	35 00	300 00
350	2 to 3 ft.	5 50	50 00	450 00
150	3 to 4 ft.	6 50	60 00	-----

ORNAMENTAL SHRUBS—Continued

ELDER (SAMBUCUS)

Per 10 Per 100 Per 1000

Golden American (canadensis aurea) June-July. 8-10 ft.

Hardy rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

390	12 to 18 in.	\$ 3 20	\$ 28 00	\$250 00
470	18 to 24 in.	4 00	35 00	300 00
70	2 to 3 ft.	5 50	50 00	-----

FORSYTHIA (GOLDEN BELL)**fortunei (Fortune Forsythia) April. 6-8 ft.**

A large, upright shrub with slightly drooping branches, golden yellow flowers.

100	18 to 24 in.	4 50	40 00	-----
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intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.

Hardiest of all Forsythias. Very profuse bloomer; rich yellow flowers.

2660	12 to 18 in.	3 20	28 00	250 00
2040	18 to 24 in.	4 50	40 00	350 00
190	2 to 3 ft.	5 50	50 00	-----
600	3 to 4 ft.	6 50	60 00	550 00
20	4 to 5 ft.	7 50	70 00	-----

FORSYTHIA SPRING GLORY

A new Forsythia which is, without doubt, the loveliest of all Forsythias. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

		Per 10	Per 100	Per 1000
1390	12 to 18 in.	3 50	30 00	270 00
1000	18 to 24 in.	5 00	45 00	400 00
850	2 to 3 ft.	6 00	55 00	500 00
2370	3 to 4 ft.	7 00	65 00	600 00

HEDGING (See Page 28)**HONEYSUCKLE (LONICERA)****fragrantissima, Winter Honeysuckle. 6-8 ft.**

Per 10 Per 100 Per 1000

Fragrant white flowers in March-April. Nearly evergreen, semi-hardy.

360	18 to 24 in.	\$ 4 00	\$ 35 00	\$-----
730	2 to 3 ft.	5 00	45 00	-----
450	3 to 4 ft.	6 00	55 00	-----

grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

30	3 to 4 ft.	6 00	55 00	-----
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morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

200	12 to 18 in.	2 90	25 00	220 00
540	18 to 24 in.	4 00	35 00	300 00
100	2 to 3 ft.	5 00	45 00	-----

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

920	12 to 18 in.	2 90	25 00	220 00
2260	18 to 24 in.	4 00	35 00	300 00
760	2 to 3 ft.	5 00	45 00	400 00
270	4 to 5 ft.	7 00	65 00	-----

Tatarian Red (tatarica rubra) April-May. 10-12 ft.

A hardy and vigorous shrub. Rosy-pink flowers followed by bright red fruit.

280	12 to 18 in.	2 90	25 00	220 00
310	18 to 24 in.	4 00	35 00	300 00

ORNAMENTAL SHRUBS—Continued

HONEYSUCKLE (*LONICERA*)—Continued

Per 10 Per 100 Per 1000

Tatarian White (*tatarica alba*) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

150	12 to 18 in.	\$ 2 90	\$ 25 00	\$220 00
160	18 to 24 in.	4 00	35 00	-----

zabeli, Zabel Honeysuckle, 8-10 ft.

Generally accepted as the best of the improved strains of Red Tatarian Honeysuckle. Flowers are true red. Very hardy.

1910	12 to 18 in.	3 50	30 00	-----
3660	18 to 24 in.	4 50	40 00	-----
700	3 to 4 ft.	6 50	60 00	-----
200	4 to 5 ft.	7 50	70 00	-----

HYDRANGEA

arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

7700	12 to 18 in.	3 20	28 00	250 00
2980	18 to 24 in.	4 50	40 00	350 00

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

4420	12 to 18 in.	3 20	28 00	250 00
6570	18 to 24 in.	4 50	40 00	350 00
5920	2 to 3 ft.	5 50	50 00	450 00

HYPERICUM aureum (St. John's Wort) July-August. 3-4 ft.

Stiff, dense habit; foliage bluish; flowers golden yellow. Prefers most soil. Will endure part shade.

60	9 to 12 in.	3 00	25 00	-----
130	18 to 18 in.	3 50	30 00	-----

KOLKWITZIA amabilis, Beauty Bush. 6-8 ft.

A graceful shrub, covered with small pink flowers in May.

160	12 to 18 in.	3 50	30 00	-----
800	18 to 24 in.	5 50	50 00	450 00
1500	2 to 3 ft.	6 50	60 00	550 00

LILAC (*SYRINGA*)Common Purple (*vulgaris*) April-May. 12-15 ft.

The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.

2000	9 to 12 in.	2 40	20 00	180 00
1000	12 to 18 in.	2 90	25 00	220 00
150	2 to 3 ft.	5 00	45 00	-----
30	3 to 4 ft.	6 00	55 00	-----

Common White, (*vulgaris alba*) 12-15 ft.

Hardy, vigorous shrub. Attractive foliage, single white flowers.

260	9 to 12 in.	3 00	25 00	-----
440	12 to 18 in.	4 00	35 00	-----

Persian Purple (*persica*) (April-May). 8-10 ft.

Slender arching branches, small leaves and lilac flowers.

400	12 to 18 in.	3 50	30 00	270 00
960	18 to 24 in.	4 50	40 00	350 00
1200	2 to 3 ft.	5 50	50 00	450 00

ORNAMENTAL SHRUBS—Continued

LILAC (SYRINGA)—Continued

Per 10 Per 100 Per 1000

rothomagensis (*chinensis*) April-May. 8-10 ft.

Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.

1020	12 to 18 in.	\$ 3 50	\$ 30 00	\$270 00
2990	18 to 24 in.	4 50	40 00	350 00
3200	2 to 3 ft.	5 50	50 00	450 00

villosa (Late Lilac) June. 8-10 ft.

Large, broad, plume-like panicles of delicate pink flowers; large leaves.

80	2 to 3 ft.	5 50	50 00	-----
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LILAC (*Syringa*)

French Lilacs. Named varieties. April-May. 8-15 ft.

These marvelous products of selection are rapidly becoming the most popular flowering shrub, being used as specimens, ornamental clumps, screens, and for hedges. There are now both double and single flowering varieties, many unusual shades and color blends.

9 to 12 in.	3 20	28 00	-----
12 to 18 in.	4 50	40 00	-----

s—Single

d—Double

2/3" 18/24" 12/18" 9/12"

Abel Chatenay, d white	--	120	80	70
Ambassadeur, s blue	--	80	30	--
Belle de Nancy, d rose white center	20	--	210	100
Chas. X, s red	--	--	340	--
Congo, s red	--	50	480	380
Ellen Willmott, d creamy white	--	--	20	20
Jan van Tol, s pure white	--	20	100	--
Jean Mace, d bluish mauve	--	--	40	--
Ludwig Spaeth, s deep purple	--	--	330	210
Marc Michel, d lavender blue	--	--	50	20
Marie LeGraye, s creame white	60	--	160	--
Mme. Lemoine, d white	120	--	90	--
Pres. Grevy, d bluish lilac	290	--	480	1920
Ruhm von Horstenstein, s reddish purple	--	--	50	--
Mixed (at 10¢ less list price)	250	--	60	30

PHILADELPHUS (MOCK ORANGE, SYRINGA)

Per 10 Per 100 Per 1000

Bouquet Blanc. May-June. 4-5 ft.

Close-set branches of fragrant double white flowers; rich green foliage.

70	12 to 18 in.	\$ 3 20	\$ 28 00	\$-----
100	18 to 24 in.	4 50	40 00	-----
30	2 to 3 ft.	5 50	50 00	-----

coronarius (Sweet Mock Orange) May-June. 8-10 ft.

The old fashioned sweet-scented Mock Orange; free-flowering and vigorous.

870	12 to 18 in.	2 90	25 00	-----
1620	18 to 24 in.	4 00	35 00	320 00
260	2 to 3 ft.	5 50	50 00	-----
20	3 to 4 ft.	7 00	65 00	-----

grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.

Large, scentless white flowers in clusters; branches somewhat straggling.

140	12 to 18 in.	2 90	25 00	-----
330	18 to 24 in.	4 00	35 00	320 00
600	2 to 3 ft.	5 00	45 00	400 00
170	3 to 4 ft.	6 00	55 00	500 00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS (MOCK ORANGE, SYRINGA)—Continued

Innocence May-June. 6 ft.

Per 10 Per 100 Per 1000

The long arching branches are completely covered with large alabaster-white single blooms. The whiteness of the blooms is so pure as to make all other mock oranges seem gray by comparison. Fragrance is more delicate yet more penetrating than Jasmine.

40	12 to 18 in.	\$ 4 50	\$ 40 00	\$ -----
30	18 to 24 in.	6 00	55 00	-----
60	2 to 3 ft.	7 00	65 00	-----

Iemoinei (Lemoine's Mock Orange) May-June. 4-5 ft.

A free-flowering semi-dwarf variety; compact growth. Sweet scented.

640	12 to 18 in.	3 20	28 00	-----
410	18 to 24 in.	4 50	40 00	-----
100	2 to 3 ft.	5 50	50 00	-----

Minnesota Snowflake. Plant Patent No. 538.

A really new and outstanding introduction. The glistening white, intensely double blooms are borne profusely and are very fragrant. The well shaped shrub is nicely branched with good foliage.

		Wholesale Prices		Suggested Retail Prices	
		Per 10	Per 100	Each	Dozen
50	18 to 24 in.	\$6 00	\$55 00	\$1 25	\$12 00
70	2 to 3 ft.	7 00	65 00	1 50	15 00
170	3 to 4 ft.	9 00	85 00	2 00	20 00

Virginal May-June. 7-8 ft.

Per 10 Per 100 Per 1000

Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.

2128	12 to 18 in.	\$ 3 20	\$ 28 00	\$250 00
5240	18 to 24 in.	4 50	40 00	350 00
50	2 to 3 ft.	5 50	50 00	-----
60	3 to 4 ft.	7 00	65 00	-----

PHYSOCARPUS (NINEBARK)

opulifolius aureus (Goldleaf Ninebark) May-June. 8-10 ft.

Wide spreading growth, but formal outline. Foliage, bright yellow changing to golden brown in summer. White flowers, red seed pods.

940	12 to 18 in.	2 90	25 00	220 00
30	3 to 4 ft.	6 00	55 00	-----

opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

150	12 to 18 in.	2 90	25 00	-----
1215	18 to 24 in.	4 00	35 00	300 00
4930	2 to 3 ft.	5 00	45 00	400 00
3090	3 to 4 ft.	6 00	55 00	500 00

PRIVET (LIGUSTRUM)

Amur River North (amuerense) June. 8-12 ft.

Per 100 Per 1000

Vigorous, upright growth; white flowers followed by black berries. Hardy.

7000	9 to 12 in., branched	\$ 7 50	\$ -----
1000	12 to 18 in., 2 canes and up	10 00	-----
5500	18 to 24 in., 3 " " "	16 00	-----
2300	2 to 3 ft., 2 canes and up	16 00	-----
1380	2 to 3 ft., 4 " " "	20 00	-----
650	3 to 4 ft., 4 " " "	22 50	-----

ORNAMENTAL SHRUBS—Continued

PRIVET (LIGUSTRUM)—Continued

California (ovalifolium) June-July. 8-12 ft.		Per 100	Per 1000
5000	9 to 12 in., branched	\$ 7 00	\$ 60 00
5000	12 to 18 in., "	9 00	80 00
3000	18 to 24 in., "	12 00	100 00
280	2 to 3 ft., "	17 00	150 00

Ibodium (Hardy California) June-July. 6-8 ft.

Very similar to, but much hardier than California Privet, not as evergreen.

200	9 to 12 in.	7 00	-----
1340	12 to 18 in., 3 canes and up	10 00	-----
170	2 to 3 ft., 3 canes and up	16 00	-----

Ibota vicari, Hardy Golden Ibota Privet. 3-6 ft.

New hardy privet that carries golden-yellow leaves, providing a wealth of interesting contrasts from early spring until late fall. Develops a neat compact shrub that can be trimmed into any shape. Suitable for use as an individual shrub, or for hedging.

		Per 10	Per 100
1660	9 to 12 in.	2 10	18 00
470	12 to 15 in.	2 90	25 00
50	2 to 3 ft.	5 50	50 00

japonica (Japanese Privet)

An upright growing broad leaved evergreen. Leaves are a shiny dark green. A fast growing dense shrub. Produces small white flowers followed by clusters of blue berries. Not hardy in northern states.

60	12 to 18 in., wrapped in moss and burlap	3 50	30 00
40	18 to 24 in., " " " " "	5 00	45 00

Regel (regelianum) 6-8 ft.

Low, dense growth, horizontal, spreading branches, berries remain all winter.

1820	12 to 18 in.	2 90	25 00
330	18 to 24 in.	4 50	40 00
60	2 to 2½ ft.	5 00	45 00

Thompson's (thompsonsoni)

Rapid-growing; bushy; very desirable.

		Per 100	Per 1000
2090	9 to 12 in.	8 50	75 00
3870	12 to 18 in.	11 00	100 00
2600	18 to 24 in.	16 00	140 00
2920	2 to 3 ft.	20 00	180 00
370	3 to 4 ft.	22 50	-----

PRUNUS, Ornamental Plums. (See Deciduous Trees)

QUINCE JAPONICA. (See Cydonia)

RHUS (SUMAC)

Cut Leaf (typhina laciniata) 8-10 ft.

Per 10 Per 100 Per 1000

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

510	12 to 18 in.	\$ 2 50	\$ 20 00	\$180 00
320	18 to 24 in.	2 90	25 00	-----
650	2 to 3 ft.	4 00	35 00	300 00

Smooth (glabra) 6-10 ft.

Dwarf habit; rich Autumn coloring; red seeds in clusters.

330	12 to 18 in.	2 10	18 00	-----
190	18 to 24 in.	2 90	25 00	-----
40	2 to 3 ft.	4 00	35 00	-----
50	3 to 4 ft.	5 00	45 00	-----

ORNAMENTAL SHRUBS—Continued

RHUS (SUMAC)—Continued**Staghorn (typhina) June-July. 12-20 ft.**

Per 10 Per 100 Per 1000

Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rock soil.

510	12 to 18 in.	\$ 2 50	\$ 20 00	\$180 00
550	18 to 24 in.	2 90	25 00	-----
640	2 to 3 ft.	4 00	35 00	300 00
900	3 to 4 ft.	5 00	45 00	400 00
360	4 to 5 ft.	6 00	55 00	500 00

SALIX purpurea, nana, dwarf blue-leaf arctic Willow. 3-4 ft.

Charming low growing Willow; suited for hedges and borders. Hardy.

40	15 to 18 in.	2 60	22 00	-----
100	18 to 24 in.	3 20	28 00	-----
500	2 to 3 ft.	4 00	35 00	320 00
260	3 to 4 ft.	5 00	45 00	-----

SPIREA**arguta (Garland) April-May. 5-6 ft.**

Small, fern-like foliage; slender branches; minute pure white flowers.

220	9 to 12 in.	2 50	22 00	-----
1850	12 to 18 in.	3 20	28 00	250 00
2520	18 to 24 in.	4 50	40 00	350 00
640	2 to 3 ft.	5 50	50 00	450 00

billiardi Pink, July-September. 5-6 ft.

Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.

770	9 to 12 in.	2 40	20 00	180 00
3650	12 to 18 in.	2 90	25 00	220 00
4230	18 to 24 in.	3 50	30 00	270 00
1770	2 to 3 ft.	4 50	40 00	350 00

billiardi White. July-September. 5-6 ft.

Per 10 Per 100

Strong growth. Dull green foliage, dense panicles of white flowers.

70	12 to 18 in.	\$ 3 50	\$ 30 00
360	18 to 24 in.	4 00	35 00

Spirea Blue Mist (Caryopteris) 18-24 inch.

Per 10 Per 100

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate and slightly toothed and silvery green in color. Hardy.

370	Medium	\$ 3 50	\$ 30 00
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Spirea Cantoniensis (Reevesiana fl. pleno).

Slender arching branches bearing large double pure white flowers. Dark leaves remaining until late fall.

		Per 10	Per 100
50	12 to 18 in.	\$ 3 50	\$ 30 00
270	18 to 24 in.	5 00	45 00
270	2 to 2½ ft.	6 00	55 00

froebeli (Froebel) May-June. 3-4 ft.

Per 10 Per 100 Per 1000

Dwarf growth, vigorous and very hardy; large fat heads of rose-pink flowers. Foliage turns brilliant red in Autumn.

3750	9 to 12 in.	\$ 2 40	\$20 00	\$180 00
5340	12 to 18 in.	2 90	25 00	220 00
220	18 to 24 in.	4 00	35 00	-----

opulifolia nana (See Physocarpus opulifolius nana)

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

thunbergi (Thunbergi Spirea) April. 3-4 ft.

Per 10 Per 100 Per 1000

Light green foliage; pure white flowers. Resembles *Arguta* but branches are arched; the plant is more dwarf. Foliage turns to orange-red in Autumn.

1340	12 to 18 in.	\$ 3 20	\$ 28 00	\$250 00
290	18 to 24 in.	4 50	40 00	350 00
1010	2 to 2½ ft.	5 00	45 00	400 00

vanhoutte April-May. 5-6 ft.

A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.

6465	12 to 18 in.	2 40	20 00	180 00
160	18 to 24 in.	2 90	25 00	220 00
1460	2 to 3 ft.	3 80	33 00	300 00

SYMPHORICARPOS (SNOWBERRY)

chenaulti (Improved Coralberry) June-July. 4-5 ft.

Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.

3830	12 to 18 in.	2 10	18 00	160 00
6140	18 to 24 in.	2 90	25 00	220 00
9080	2 to 3 ft.	3 50	30 00	270 00
1140	3 to 3½ ft.	4 00	35 00	320 00

racemosus (Common White Snowberry) June-July. 3-5 ft.

A fine general purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.

1935	12 to 18 in.	1 90	16 00	140 00
4490	18 to 24 in.	2 60	22 00	200 00
1680	2 to 3 ft.	3 20	28 00	250 00

vulgaris (Indiancurrant; Coralberry) June-July. 4-6 ft.

A hardy native shrub; pink flowers, purplish-red berries in bunches.

600	9 to 12 in.	1 60	14 00	120 00
1737	12 to 18 in.	1 90	16 00	140 00
1040	18 to 24 in.	2 60	22 00	200 00
640	2 to 3 ft.	3 20	28 00	250 00

TAMARIX

12 to 18 in.	2 90	25 00	220 00
18 to 24 in.	4 00	35 00	320 00
2 to 3 ft.	5 00	45 00	400 00
3 to 4 ft.	6 00	55 00	500 00

3/4' 2/3' 18/24" 12/18"

africana. May. 10-12 ft.

Slender spreading branches, reddish brown bark, pink flowers.

670 2540 3480 1400

amurensis (Amur Tamarix) August-September. 8-10 ft.

Purple branches, graceful foliage. Thrives in dry soil.

30 220 160 40

hispida (Kashgar Tamarix) August-September. 12-15 ft.

Slow, compact, upright growth; long panicles of bright pink flowers.

330 40 1020

odessana (Odessa Tamarix) July. 6-8 ft.

Dwarf, bushy growth; loose panicles of lavender-pink flowers.

370 370

tetrandra purpurea. May-June. 10-12 ft.

Vigorous growth, bright green foliage, pink flowers. Very hardy.

260 940 1140 470

Summer Glow.

The best new Tamarix. Deep pink flowers, silvery blue foliage.

Upright grower.

Per 10 Per 100

30	12 to 18 in.	\$ 3 50	\$ 30 00
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ORNAMENTAL SHRUBS—Continued

VIBURNUM

carlesi, Mayflower Viburnum. May. 5 ft. Per 10 Per 100 Per 1000

Waxy white delightfully fragrant flowers are produced in early spring as the leaves are unfolding. Very hardy, does well in light shade as well as in full sun.

70 18 to 24 in., Wrapped in moss and burlap.....\$22 50 \$200 00 \$.....

dentatum, Arrowwood. April-May. 10-12 ft.

Attractive foliage, white flowers, followed by bluish-black fruit.

30 12 to 18 in..... 3 50 30 00

30 18 to 24 in..... 4 50 40 00

30 2 to 3 ft..... 5 50 50 00

juddi, May. 5 ft.

A new Carlesi-bitchiuense hybrid both Korean species. Produces sweet-scented, light pink, long tubed flowers. Will grow and flower in heavy shade.

30 12 to 15 in., Wrapped in moss and burlap..... 16 00 140 00

70 15 to 18 in., " " " " " 20 00 175 00

opulus, European Cranberrybush (Highbush Cranberry). 10-12 ft.

Well known hardy shrub, single white flowers in April-May, followed by scarlet fruit hanging on until spring.

40 18 to 24 in..... 5 00 45 00

300 2 to 3 ft..... 6 00 55 00

130 3 to 4 ft..... 7 00 65 00

opulus sterile, Common Snowball. April-May. 10-12 ft.

Popular shrub. Blooms profusely. Large double white flowers.

820 12 to 18 in..... 4 50 40 00

850 18 to 24 in..... 6 00 55 00

730 2 to 3 ft..... 7 00 65 00

VITEX macrophylla (Big-leaved Chaste Tree). July to frost. 5-6 ft.

Semi-dwarf flowers lavender-blue. Hardy.

370 12 to 18 in..... 2 90 25 00

50 18 to 24 in..... 4 00 35 00

90 2 to 3 ft..... 5 00 45 00

90 3 to 4 ft..... 6 00 55 00

WEIGELA

Bristol Ruby — Plant Patent No. 492.

Owing to the early frost last fall the Weigelas in general suffered severe damage. We are fortunate enough to be able to offer Weigela Eva Rathke, which is a good substitution.

WEIGELA (DIERVILLA)

Dwarf Variegated, nana variegata. May-June. 5 ft. Per 10 Per 100 Per 1000

Growth dwarf, compact, variegated leaves. Light pink flowers.

600 12 to 18 in.....\$ 3 50 \$ 30 00 \$.....

670 18 to 24 in..... 5 00 45 00

690 2 to 3 ft..... 6 00 55 00

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.

Attractive foliage; clear ruby red trumpet-shaped flowers over long season.

2000 12 to 18 in.....\$ 3 70 \$ 32 00 \$280 00

5000 2 to 3 ft..... 6 50 60 00

1220 3 to 4 ft..... 7 50 70 00

ORNAMENTAL SHRUBS—Continued

WEIGELIA (DIERVILLA)—Continued

Per 10 Per 100 Per 1000

Hendersoni. May-June. 6-8 ft.

One of the hardiest varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers.

30	12 to 18 in.	\$ 3 50	\$ 30 00	\$ -----
20	2 to 3 ft.	6 00	55 00	-----
150	3 to 4 ft.	7 00	65 00	-----

Newport Red. 6-7 ft.

New ruby-red Weigela recommended for its hardiness and habit of growth, making a well formed plant.

60	12 to 18 in.	3 70	32 00	-----
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rosea, (florida) Pink Weigela. May-June. 6-8 ft.

Popular shrub with beautiful showy pink flowers.

760	12 to 18 in.	2 90	25 00	-----
120	18 to 24 in.	4 00	35 00	-----
2700	2 to 3 ft.	5 50	50 00	-----
160	3 to 4 ft.	7 50	70 00	-----

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

Per 10 Per 100 Per 1000

engelmanni (Engelmann Creeper) 30-40 ft.

Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall. Blue-black fruit.

1000	2 year, Medium	\$ 2 90	\$ 25 00	\$ -----
500	2 " No. 1	4 00	35 00	320 00

veitchi (Tricuspidata) Boston Ivy 40-50 ft.

Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.

2500	2 year, Medium	3 50	30 00	-----
400	2 " No. 1	4 50	40 00	-----

BIGNONIA**radicans (Trumpet Creeper) July-August. 20-30 ft.**

A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.

4500	2 year Medium	2 40	25 00	220 00
3000	2 " No. 1	3 50	30 00	270 00

CELASTRUS**scandens (American Bittersweet) 20-25 ft.**

Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.

300	2 year, Medium	2 90	25 00	220 00
200	2 " No. 1	3 50	30 00	270 00

EUONYMUS**Radicans, Winter Creeper. 15-20 ft.**

A fine evergreen vine, rose-red berries. Especially desirable for winter effect. Can be used also for edging and as a ground cover.

200	2 year, Medium	5 50	50 00	-----
200	2 " No. 1	6 50	60 00	-----

CLIMBING VINES—Continued

HONEYSUCKLE (LONICERA)

Per 10 Per 100 Per 1000

Gold Flame. May until Frost. 15-20 ft.

Flowers flame-coral, inside clear yellow, produced in clusters.

1480	2 year, Medium	\$ 3 70	\$ 32 00	\$280 00
500	2 " No. 1	4 50	40 00	350 00

Hall's Japan (Japonica Halliana) July-October. 20-25 ft.

Fragrant, pure white flowers, changing to yellow; almost evergreen.

3000	2 year, Medium	1 80	15 00	130 00
500	2 " No. 1	2 10	18 00	160 00

japonica purpurea (partly evergreen)

Purple foliage in fall. Blooms throughout the summer months with pink flowers.

500	2 year, No. 1	5 50	45 00	-----
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Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.

A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.

3500	2 year, Medium	2 60	22 00	200 00
4000	2 " No. 1	3 20	28 00	250 00

Summer King (Heckrotti) May until Frost. 15-20 ft.

Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.

1500	2 year, Medium	3 70	32 00	280 00
500	2 " No. 1	4 50	40 00	350 00

POLYGONUM auberti**(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.**

A fast-growing, twining vine; light green leaves, fleecy white flowers.

3000	2 year, No. 1	4 50	40 00	-----
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★**VINCA, Periwinkle**

minor, Bowles Variety, blue flowers, beautiful glossy,

500	evergreen foliage.	1 80	15 00	-----
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WISTERIA**American (frutescens) June-July. 20-25 ft.**

Dark green foliage, short racemes of lilac-purple flowers. Rapid growth.

2000	2 year, Medium	2 90	25 00	-----
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Chinese Blue (sinensis) May. 30-40 ft.

Long, attractive drooping clusters of pea-shaped flowers.

150	2 year, Medium	4 50	40 00	-----
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Multijuga Pink, Japanese Wisteria. May. 40-50 ft.

Beautiful pink flowers in long clusters.

200	2 year, Medium Grafts	4 50	40 00	-----
500	2 " No. 1 "	5 50	50 00	-----

Starred varieties (★) especially suited for rock-garden and ground cover.

STOP!!**Did you check the items you want to order! You better!**

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

BARBERRY, (BERBERIS)**Redleaf (thunbergi atropurpurea)**

A specialty these days. A rare item to find in a wholesale list any more.
Make use of this offer by calling us at once.

	Per 100	Per 1000
5000 9 to 12 in., 3 year seedlings, branched	\$13 50	\$125 00
3200 12 to 15 in., 3 year seedlings, "	18 50	\$175 00
9500 15 to 18 in., 3 year seedlings, "	22 00	200 00

thunbergi (Japanese Barberry)

	Per 100	Per 1000
1500 9 to 12 in., 2 year seedlings, branched	\$ 8 00	\$ 70 00
3500 18 to 24 in., 2 and 3 year seedlings, branched	14 00	120 00

CARAGANA arborescens (Siberian Pea Tree)

12000 6 to 12 in.	2 10	18 00
10000 12 to 18 in.	3 50	30 00

HONEYSUCKLE (Lonicera)**Tatarian—Pink, Red, White, Zabeli**

6 to 12 in.	6 00	55 00
9 to 12 in.	7 00	60 00
12 to 18 in.	10 00	90 00
18 to 24 in.	16 00	140 00
2 to 3 ft.	22 00	200 00

Honeysuckle	6/12"	9/12"	12/18"	18/24"	2/3'
Grand. Rosea	520	---	875	300	---
Tatarian Pink	---	2175	2925	105	---
Tatarian Red	---	2725	2310	1000	30
Tatarian White	1610	---	2645	615	---
Zabeli	---	400	95	175	90

MULBERRY (MORUS) Russian, tatarica

	Per 100	Per 1000
1000 6 to 12 in.	\$ 1 20	\$ 10 00
400 12 to 18 in.	1 90	16 00
100 18 to 24 in.	2 90	25 00

PRIVET—See Ornamental Shrubs.**RUSSIAN OLIVE (Elaeagnus angustifolia)**

650 9 to 12 in.	2 10	18 00
770 12 to 18 in.	3 20	28 00
1150 18 to 24 in.	4 50	40 00
730 2 to 3 ft.	7 00	60 00

SPIREA vanhoutte

7500 9 to 12 in.	7 00	60 00
4000 12 to 18 in.	11 00	100 00
6200 18 to 24 in.	16 00	140 00
2700 2 to 3 ft.	19 00	160 00

NOTE. HONEYSUCKLE Heckrottii makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

We have a limited quantity of evergreens in small sizes. If you are interested please ask our salesman or contact the office.

ROSES

WESTERN GROWN

We are pleased to again be able to offer an excellent assortment of well grown, high quality CALIFORNIA GROWN ROSES.

Our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. Immediately after being dug they are shipped to our Shenandoah plant where they are liberally graded under our personal supervision.

All our roses are stored in our modern cold storage where the temperature and humidity is automatically maintained. This cold storage is also equipped with ultra-violet ray lamps to prevent bacterial growth and mold formation.

These precautions make it possible for us to ship healthy vigorous rose bushes at any time during the spring selling season. Delivery can be made any time after early February.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle; No. 2, 25 per bundle. We do not break bundles.

- * Available Southern grown only.
- ** Available California grown only.
- *** Available both Southern and California grown.

PLEASE SPECIFY PREFERENCE

Unless preference is stated we reserve the right to supply Texas or California grown roses at our discretion.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 6 50	\$ 60 00	\$
" " " No. 1½.....	5 25	47 50

RED SHADES

- *** **Ami Quinard**, dark velvety crimson, almost black; fragrant.
- * **Better Times**, large, double, fragrant cerise flowers. Excellent for forcing.
- * **Christopher Stone**, alive with vivid scarlet, petals glowing with a velvety sheen. Delightfully scented. Very popular.
- * **Crimson King**, very free flowering and deep brilliant crimson; combines best characteristics of its parents Crimson Glory and Kardinal; Damask Rose fragrance.
- * **E. G. Hill**, massive, very fragrant blooms of deep velvety maroon.
- *** **Etoile de Hollande**, one of the best dark red roses; a strong grower, free flowering and very fragrant.
- *** **Grenoble**, one of the best reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.
- ** **Hadley**, rich red shading to velvety purple; high pointed buds; exceedingly fragrant.
- ** **Night**, a new very dark rose; bud almost black on long strong stem; an upright and hardy plant.
- *** **Poinsettia**, one of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower.
- ** **Red Hoover**, carmine red sport of the familiar Pres. Hoover; vigorous plant producing magnificent large full blooms.
- * **Red Radiance**, bright rosy red, free blooming; delightfully fragrant.
- ** **Red Talisman**, Talisman sport. Bud long pointed; flowers large, double and fragrant. Deep cerise red blending into yellow shade at base.
- *** **Rouge Mallerin**, large, lasting velvety red, very double blooms.

ROSES—Continued

PINK SHADES

- * **Briarcliff**, handsome flowers of silvery rose pink.
- * **Editor McFarland**, shapely buds and double, brilliant pink blooms; profuse.
- ** **Los Angeles**, double, luminous coral pink toned at base.
- * **Mrs. Chas. Bell**, sweetly perfumed, soft salmon pink.
- * **Picture**, a very beautiful rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.
- *** **Pink Dawn**, deep rose-pink, lightly toned orange; well formed flowers.
- * **Pink Radiance**, large brilliant rose-pink; very fragrant. A most popular variety.
- *** **The Doctor**, a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.

YELLOW SHADES

- * **Golden Charm**, dainty pointed yellow blooms.
- * **Golden Dawn**, double flowers of sunflower yellow with an old rose blush.
- ** **Joanna Hill**, double blooms of golden buff, yellow center; fragrant.
- * **Luxembourg**, large, coppery yellow flowers.
- *** **McGredy's Yellow**, well formed flowers of bright buttercup yellow. Glossy.
- ** **Mrs. E. P. Thom**, large canary yellow flowers, well shaped.
- *** **Mrs. P. S. Dupont**, bud reddish gold, flower golden yellow, lighter with age.
- *** **Soeur Therese**, double rich yellow blooms; vigorous, upright and profuse.
- *** **Yellow Sastago**, vigorous yellow sport of the popular two-toned variety.

TWO-TONED SHADES

- *** **Condessa de Sastago**, petals are coppery pink inside, golden reverse.
- *** **Contrast**, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.
- * **Countess Vandal**, pink, copper, gold and salmon color combination; long pointed buds, strong stems.
- ** **Duquesa de Penaranda**, strong, vigorous grower, very free flowering; apricot orange to dark pink. A most desirable variety.
- ** **Mme. Jos. Perraud**, high centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality.
- ** **Mrs. Sam McGredy**, a disease resistant and vigorous grower, prolific bloomer. Blooms large scarlet-copper-orange, deeply flushed with red on reverse side of petals. Beautiful long pointed bud.
- *** **Pres. Herbert Hoover**, a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.
- *** **Talisman**, golden-yellow, stained coppery-red and orange-rose; a favorite variety.

WHITE SHADES

- *** **Caledonia**, large double white; long buds opening to large, double flowers.
- *** **K. A. Victoria**, very popular, free flowering, double, pure white.
- *** **McGredy's Ivory**, ivory-white, perfectly shaped double blooms; sweet scented.

ROSES—Continued

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 6 50	\$ 60 00	\$.....
" " " No. 1½.....	5 25	47 50	-----

- * **American Beauty**, a very popular cerise-red variety.
- *** **Frau Karl Druschki**, very popular large pure white.
- * **General Jacqueminot**, old favorite, dark red rose.
- * **Paul Neyron**, dwarf bushed; gigantic rose pink, fragrant flowers.

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 6 50	\$ 60 00	\$.....
" " " No. 1½.....	5 25	47 50	-----
" " " No. 2.....	4 00	35 00	-----

- *** †**Baby Chateau**, deep red blooms, one of the best of its type.
- * †**Cameo**, shell pink and salmon with a glow of gold; blooms continuously.
- * †**Ellen Poulsen**, splendid bright rose-pink flowers of large size; fragrant.
- *** †**Else Poulsen**, lasting bright rose-pink flowers; semi-double.
- *** †**Floradora**, Scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.
- *** **Golden Salmon Supreme**, large clusters of striking reddish-orange flowers; low growth.
- ** †**Gruss an Aachen**, large light flesh-pink and salmon-yellow.
- ** †**Red Ripples**, flowers semi-double, open, slightly fragrant, ox-blood red to carmine.
- ** **Triomphe d' Orleans**, large clusters of cherry-red.
- †Hybrid Polyantha and Floribunda varieties.

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
* F. J. Grootendorst , small bright red flowers in clusters.			
18 to 24 in.....	\$ 6 00	\$ 55 00	\$500 00
12 to 18 in.....	5 00	45 00	400 00
* Grootendorst Pink , charming pink variety of Grootendorst.			
18 to 24 in.....	6 00	55 00	500 00
12 to 18 in.....	5 00	45 00	400 00
* Hansa , large, double reddish violet flowers; very hardy.			
18 to 24 in.....	5 50	50 00	450 00
12 to 18 in.....	4 50	40 00	350 00

Our roses are stored in our new cold storage, where temperature and humidity is thermostatically controlled. We have equipped this storage with ultra-violet ray lamps which enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants.

ROSES—Continued

RUGOSA, HYBRIDS AND MISCELLANEOUS—Continued

* Sir Thos. Lipton, snowy white flower freely produced.	Per 10	Per 100	Per 1000
18 to 24 in.-----	\$ 5 50	\$ 50 00	\$ 500 00
12 to 18 in.-----	4 50	40 00	350 00

CLIMBERS and RAMBLERS

* American Pillar, large single flowers of crimson-pink.			
Large white center in tremendous clusters; hardy.	Per 10	Per 100	Per 1000
No. 1 -----	\$ 5 50	\$ 50 00	\$ -----
No. 1½ -----	4 50	40 00	-----
No. 2 -----	3 50	30 00	-----
* Blaze, hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet crimson flower.			
XX Heavy -----	7 00	65 00	-----
No. 1 -----	6 50	60 00	-----
No. 1½ -----	5 50	50 00	-----
No. 2 -----	3 70	32 00	-----
* Climbing American Beauty, crimson flowers in clusters.			
XX Heavy -----	6 00	55 00	-----
No. 1 -----	5 50	50 00	-----
No. 1½ -----	4 50	40 00	-----
No. 2 -----	2 90	25 00	-----

* CLIMBING FLORIBUNDA ROSE
BABY CHATEAU

A climbing form of the popular bush floribunda rose, Baby Chateau. Deep red blooms. One of the best.

	Per 10	Per 100	Per 1000
No. 1 -----	\$ 7 00	\$ 65 00	\$600 00
No. 1½ -----	6 00	55 00	500 00

Climbing Hybrid Tea	Per 10	Per 100	Per 1000
No. 1 -----	\$ 7 00	\$ 65 00	\$ -----
No. 1½ -----	6 00	55 00	-----

* Caledonia, white	* Mrs. P. S. Dupont, golden yellow
* Golden Charm, yellow	* Poinsettia, red
* J. L. Mock, pink	* Red Radiance, red
* Miss Rowena Thom, pink	* Red Talisman, red

Climbing Peace — See patented roses for prices and descriptions.

* Crimson Rambler, Scarlet crimson flowers in large clusters.			
No. 1 -----	4 50	40 00	350 00
No. 1½ -----	3 50	30 00	250 00
No. 2 -----	2 40	20 00	180 00
* Dorothy Perkins, miniature shell pink flowers in clusters.			
No. 1 -----	4 00	35 00	300 00
No. 1½ -----	2 90	25 00	220 00
No. 2 -----	2 10	18 00	160 00

Dr. J. H. Nicolas—See patented roses for prices and descriptions.

ROSES—Continued

CLIMBERS and RAMBLERS—Continued

	Per 10	Per 100	Per 1000
* Dr. Van Fleet , large, flesh-pink flowers on long stems.			
No. 1	\$ 5 50	\$ 50 00	\$-----
No. 1½	4 50	40 00	-----
No. 2	2 90	25 00	-----
* Excelsa , intense scarlet, large clusters of small flowers.			
No. 1	4 00	35 00	300 00
No. 1½	2 90	25 00	220 00
No. 2	2 10	18 00	160 00
* Excelsa Pillar , strong growing pillar type, double scarlet crimson blooms. Hardy as the common Excelsa.			
No. 1	4 00	35 00	300 00
No. 1½	2 90	25 00	220 00
No. 2	2 10	18 00	160 00
* Gardenia , creamy-yellow flowers in small sprays; quite hardy.			
No. 1	5 50	50 00	450 00
No. 1½	4 50	40 00	350 00
No. 2	2 90	25 00	220 00
King Midas —See Patented Roses for prices and description.			
* New Dawn , fragrant blush pink flowers in clusters. Everblooming.			
No. 1	6 50	60 00	-----
No. 1½	5 50	50 00	450 00
No. 2	3 70	32 00	300 00
* Paul's Scarlet Climber , large intense scarlet flowers borne in clusters; free-flowering and hardy.			
XX Heavy	6 50	60 00	-----
No. 1	6 00	55 00	500 00
No. 1½	5 00	45 00	400 00
No. 2	3 20	28 00	250 00
* Primrose , double, canary-yellow flowers; hardy.			
No. 1	6 00	55 00	-----
No. 1½	5 00	45 00	400 00
No. 2	3 20	28 00	250 00
Prosperity , large clusters of pure white blooms on a strong, free-growing plant. Blooms first year.			
No. 1	6 00	55 00	-----
No. 1½	5 00	45 00	-----
No. 2	3 20	28 00	-----

STOP!

Did you notice that fine Rose list.

You better get your share.

ROSES—Continued

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. PRICES ARE NET.

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each
** Applause , Patent No. 829 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Large fragrant buds are sparkling light red in color, opening slowly to perfectly shaped fifty-petaled open blooms, heavy with fragrance. Prolific bloomer. Winner of the much-prized BAG-ATELLE GOLD MEDAL.			
No. 1	\$1 10	\$1 00	\$ 95
No. 1½	90	80	76
** Capistrano , Patent No. 992. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. It retains its brilliant color throughout the life of the flower without fading. Produces large buds and flowers, on extra long, heavy stems. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.			
No. 1	1 25	1 12½	1 05
No. 1½	1 00	90	84
*** Charlotte Armstrong , Patent No. 455 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Brilliant blood-red buds as long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
*** Crimson Glory , Patent No. 105 (Retail \$1.75 ea; 3 or more \$1.55 ea.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.			
No. 1	1 00	87½	80
No. 1½	80	70	64
** Diamond Jubilee , Patent No. 824. (Retail \$2.00 ea; 3 or more \$1.75 ea.) Double high-centered flowers of glowing buff-orange, with a touch of orange-yellow at base of petals. A.A.R.S. award for 1948.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
** Fred Howard , Patent No. 1006. (Retail \$2.50 ea; 3 or more \$2.20 each.) Long, rich yellow buds are tipped with delicate penciling of light pink. Strong, hardy, fully branched; dark shiny foliage; grows high; long stems excellent for cutting; blooms from early spring to late fall. A.A.R.S. award for 1952.			
No. 1	1 40	1 25	1 20
No. 1½	1 12	1 00	96
** Golden Scepter , Patent No. 910. (Retail \$2.50 ea; 3 or more \$2.20 each.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.			
No. 1	1 40	1 25	1 20
No. 1½	1 12	1 00	96

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
** Helen Traubel , Patent applied for. (Retail \$2.75 ea; 3 or more \$2.40 each.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened blooms display the lovely color in a more lavish way. Very vigorous grower. A.A.R.S. award for 1952.			
No. 1	\$1 50	\$1 37½	\$1 30
No. 1½	1 20	1 10	1 04
** Katherine T. Marshall , Patent No. 607 (Retail \$1.75 ea; 3 or more \$1.55 ea.) A rose of rare beauty and delicacy of form—growing vigorously with large, open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.			
No. 1	1 00	87½	80
No. 1½	80	70	64
** Lowell Thomas , Patent No. 595 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
*** Mirandy , Patent No. 632 (Retail \$2.00 ea; 3 or more \$1.75 ea.) First place winner of All-American rose competition for 1945. A strong free-branching plant producing large, long-pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals display new beauties of form and is long lasting. Marvelously fragrant.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
** Mission Bells , Patent No. 923 (Retail \$2.25 ea; 3 or more \$2.00 ea.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across. A.A.R.S. award for 1950.			
No. 1	1 25	1 12½	1 05
No. 1½	1 00	90	84
*** New Yorker , Patent No. 823 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.			
No. 1 (Available Texas Grown only)	1 10	1 00	95
No. 1½	90	80	76

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
*** Nocturne , Patent No. 713 (Retail \$2.00 ea; 3 or more \$1.75 ea.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.			
No. 1	\$1 10	\$ 1 00	\$ 95
No. 1½	90	80	76
*** Peace , Patent No. 591 (Retail \$2.50 ea; 3 or more \$2.20 ea.) Ovoid buds and golden-yellow etched with pink as they open, color changes from canary-yellow, pale golden, to iridescent cream. Petals are edged with apple-blossom-pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.			
No. 1	1 40	1 25	1 20
No. 1½	1 12	1 00	96
** Rubaiyat , Patent No. 758 (Retail \$1.75 ea; 3 or more \$1.55 ea.) A McGredy origination. The tall free blooming plant produces an abundance of long pointed, attractive buds on strong upright stems, that slowly opens into a very large bloom of rose-red to crimson color in the heart of the half-open flower accentuated by the reverse of the petals which are several shades lighter. A.A.R.S. award for 1947.			
No. 1	1 00	87½	80
No. 1½	80	70	64
** San Fernando , Patent No. 785 (Retail \$1.75 ea; 3 or more \$1.55 ea.) A magnificent thirty petaled rose of glowing currant-red, changing to bright glowing scarlet. Pronounced fragrance. A.A.R.S. award for 1948.			
No. 1	1 00	87½	80
No. 1½	80	70	64
*** Sleigh Bells , Patent No. 1004 (Retail \$2.00 ea; 3 or more \$1.75 ea.) The large ovoid buds are borne singly on exceedingly long stems. The freely produced flowers open gradually into blooms of great size with 40 or more petals, lovely in all stages. Unusual for a white rose it is really fragrant and is vigorous and disease resistant.			
No. 1	1 10	1 00	95
No. 1½	90	80	76
** Sutters Gold , Patent No. 885. (Retail \$2.25 each; 3 or more \$2.00 each.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high-centered and richly colored. A.A.R.S. award for 1950.			
No. 1	1 25	1 12½	1 05
No. 1½	1 00	90	84

ROSES—Continued

PATENTED HYBRID TEA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each
*** Taffeta , Patent No. 716 (Retail \$1.75 ea; 3 or more \$1.55 ea.) Rich carmine-rose in the bud, changing to begonia-rose in open flower. Reverse of petals is yellow. Medium to large buds are perfectly formed with edges of the petals often frilled. They open to form double flowers with 21 well textured petals. A.A.R.S. award for 1948.			
No. 1	\$1 00	\$ 87½	\$ 80
No. 1½	80	70	64
** Tallyho , Patent No. 828 (Retail \$2.00 ea; 3 or more \$1.75 ea.) A bright color but the contrast is not great. The color on the inside of the petals is a varying but always a delightful and unique shade of pink. The outside of the petals is a rich crimson. The buds, before they unfold, are deep cardinal-red. The long-stemmed blooms open slowly and last exceedingly well because they have such heavy substance. They are very large when fully open, of perfect form and with spicy fragrance. A.A.R.S. award for 1949.			
No. 1	1 10	1 00	95
No. 1½	90	80	76

PATENTED CLIMBERS

	10-20 Each	20-100 Each	100-250 Each
** Cl. Peace , Patent No. 932 (Retail \$2.50 ea; 3 or more \$2.20 ea.) Climbing form of the famous bush Hybrid Tea.			
No. 1	\$1 40	\$ 1 25	\$ 1 20
** Cl. Summer Snow , Patent No. 400 (Retail \$2.00 ea. 3 or more \$1.75 ea.) Everblooming white Climber. Clusters of pure white flowers.			
No. 1	1 10	1 00	95
** Dr. J. H. Nicolas , Patent No. 457 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Vigorous plant carrying dark green foliage produces fully double deep rose-pink flowers, 5 to 6 inches across with about 50 petals. Grows 8 to 10 feet in height and is ever-blooming.			
No. 1	1 10	1 00	95
** King Midas , Patent No. 586 (Retail \$2.00 ea; 3 or more \$1.75 ea.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.			
No. 1	1 10	1 00	95

PATENTED FLORIBUNDA

*** Chatter , Patent No. 739 (Retail \$1.50 ea; 3 or more \$1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.			
No. 1	90	75	---
No. 1½	72	60	---

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	Each 10-20	Each 20-100	Each 100-250
*** Fashion , Patent No. 789 (Retail \$2.00 ea. 3 or more \$1.75 ea.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom large clusters and singly. A.A.R.S. award for 1950.			
No. 1½	\$ 90	\$ ----	\$ ----
*** Geranium Red , Patent No. 811 (Retail \$1.50 ea; 3 or more \$1.30 ea.) Flowers very double. (50 petals.) Strong geranium fragrance, bright geranium-red; cluster.			
No. 1	90	75	----
No. 1½	72	60	----
*** Goldilocks , Patent No. 672 (Retail \$1.50 ea; 3 or more \$1.30 ea.) Rich golden yellow, buds are ovoid in shape, long lasting hardy, and vigorous.			
No. 1	90	75	----
No. 1½	72	60	----
*** Pinkie , Patent No. 712 (Retail \$1.75 ea; 3 or more \$1.55 ea.) A new Polyantha producing an abundance of long slender and perfect little pink buds opening to flowers of about two inches across with 14 to 16 petals. Almost continuous bloom throughout the season on a two foot plant carrying light green glossy foliage. Flowers have spicy fragrance. A.A.R.S. award for 1948.			
No. 1	1 00	87½	80
No. 1½	80	70	64
*** Pinocchio , Patent No. 484 (Retail \$1.50 ea; 3 or more \$1.30 ea.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in great clusters.			
No. 1	90	75	----
No. 1½	72	60	56
No. 1	90	75	----
No. 1½	72	60	56
** Summer Snow , Patent No. 416 (Retail \$1.50 ea; 3 or more \$1.30 ea.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.			
No. 1	90	75	----
No. 1½	72	60	----

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each
** Vogue, Patent No. 926. (Retails \$2.25 each; 3 or more \$2.00 each). New Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three to four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flower. Rich spicy fragrance. A.A.R.S. award for 1952.			
No. 1	\$1 25	\$1 12½	----
No. 1½	1 00	90	84
** White Pinocchio, Patent Applied For. (Retails \$1.50 each; 3 or more \$1.30 each.) New outstanding Floribunda, semi-double flowers of pure white with yellow stamens. Large 2 to 2½ inch flowers.			
No. 1	90	75	70
No. 1½	72	60	56



HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (★) especially suited for rock-garden.

ACHILLEA, Millfoil or Yarrow	Per 10	Per 100
Ptarmica, The Pearl. Large double white. 18 in. June-July...	\$ 1 20	\$ 10 00
★ALYSSUM, Rock Madwort		
Saxatile Compactum , bright yellow flowers. April-May. 10 in. ..	1 40	12 00
ANTHEMIS, Camomile		
tinctoria , golden yellow flowers; finely cut. June. 2 ft.	1 40	12 00
AQUILEGIA, Columbine. May-June.		
Clematiflora. Mixed. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades.	1 40	12 00
Crimson star. New Improved Crimson Star. Large flowers of the most striking crimson with white corolla. Blooms in May and June. 24 in.	1 80	15 00
Orange and Scarlet Shades	1 40	12 00
ARTEMISIA—Southernwood; Sage Brush		
Silver King , a striking, white-leaved contrast plant, entire color effect bright frosted silver. Dries perfectly. 3 ft.	1 80	15 00
BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)		
CAMPANULA, Bellflower		
medium (Single canterburybells) , large bell-shaped flowers.		
Blue, Rose and White , separate colors. June. 2 ft.	1 40	12 00

GARDEN CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2½ inch pot plants.

STANDARD AND KOREAN VARIETIES

Algonquin , a very hardy variety, with healthy foliage. Pure bright yellow flowers; large and double. Early.	1 80	15 00
Autumn Lights , coppery bronze, a gleaming orange overcast. ...	1 80	15 00
Avalanche . Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.	1 80	15 00
Dahlia Flower , low growing branchy plants covered with bloom of a deep wine red.	1 80	15 00

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

Alert . One of the best large early dark purple. Mid September	1 80	15 00
Allegro . Double blooms of glowing shrimp-pink with coppery salmon sheen. Early Oct. 22 inches.	1 80	15 00

HARDY PERENNIAL PLANTS—Continued

Per 10 Per 100

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS—Continued

Apricot Glow. Richly hued apricot bronze. The double blooms are 2½ inches in diameter borne in profusion. Cushion type plant. Late August. 18 inches.	\$ 2 10	\$ 18 00
Betty. An excellent upright rose-pink without a trace of magenta. One of the finest new pinks. Late September. 28 inches.	2 90	25 00
Charm Spoon. Blooms open to a lovely rhodonite-red and gradually fades to a rich dusty rose. Excellent habit of growth. Late September. 26 inches.	2 40	20 00
Chris Columbus. Double. New outstanding ivory-white. A luxuriant grower, excellent for cutting. Late September. 26 inches.	2 10	18 00
Early Worm. A vivid semi-double dwarf yellow. Early and very hardy.	2 10	18 00
Fuchsia Fairy. A fine new dwarf mum of clear fuchsia color. Bears a mass of fully double flat flowers about 1 inch across.	2 40	20 00
Generalissimo. A very rugged, fully double flower of soft magnolia-purple. Early September.	2 90	25 00
Gold. Flowers are large, very double golden bronze. Fine for cutting. Late September. 22 inches.	2 10	18 00
Golden Memories. Brilliant golden yellow button in sprays with new buds in abundance. Start opening from August throughout the entire season. Large massive plant 28 inches across.	2 10	18 00
Gold Pagent. Masses of 3 inch double flowers of gold with a darker shimmering sheen. Orange buds create a contrasting mass of harmonious beauty. Blooms early — September 25th.	2 10	18 00
Huntsman. Bright scarlet orange overlaid with bronze tints. Hardy and a good cut flower. Early October.	2 90	25 00
Little Eskimo. Pure white ball shaped flowers 1½ inches in diameter. A very profuse bloomer. Does not fade. Late August. 18 inches.	1 80	15 00
Oriental Glory. Large double blooms of brilliant oriental red. A good variety for cutting.	2 10	18 00
Papoose. A creeping mound of rich wine red. Very showy in borders and rock gardens. Excellent dwarf variety.	3 50	30 00
Pink Surprise. Great mass of giant double 4½ inch brilliant pink blooms. Best early pink—September 15th. A leader in its color.	2 10	18 00
Purple Star. Bright dahlia-purple flowers of star-like shape, semi-double to nearly double. Early September. 2 ft.	2 10	18 00
Ray Dietz. A small buttonhole pompom of brightest yellow. Fully double. 1 inch across.	2 10	18 00
September Bronze (Early Bronze), a remarkably early flowering cut-flower variety; bright bronze pompon. Aug.-Sept. 18 in.	1 80	15 00
September Dawn. Beautiful deep pink perfectly formed blooms. The large perfectly formed flowers are from 3 to 3½ inches in diameter. Double. The best of the pinks.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued

Per 10 Per 100

UNIVERSITY OF MINNESOTA INTRODUCTIONS

Butterball. Double ball-like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 18 inches.	\$ 2 10	\$ 18 00
Glacier. Pure glistening white, fully double flowers. Plants are covered solidly with blooms. Fine for borders. Late August. 16 inches.	2 10	18 00
Violet. The newest University of Minnesota purple introduction. Fully double, dahlia like blooms of good color cover entire plant. Late August. 20 inches.	2 10	18 00

UNIVERSITY OF CHICAGO INTRODUCTIONS

Candlelight. Well formed flowers of ivory-white. Excellent plant and foliage habits. Early September.	2 10	18 00
Charles Nye. Large, 3 inch fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting. Late September. 28 inches.	2 10	18 00
Courageous. Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with healthy green foliage. Late September.	2 10	18 00
Early Harvest. Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches.	2 10	18 00
Ermine. Fully double, wide petaled, pure white with cream center. Tall, sturdy plant and vigorous grower. Very frost-resistant flower. Excellent when cut. Blooms October.	2 90	25 00
Fairbow. Heavy blooming lavender-pink pompom. Splendid upright growth makes it a good cut flower. Early September.	2 10	18 00
Glowing Coals. Double blooms of deep cherry-red with orange reverse. Well branched plants. One of the best early reds. Mid September. 24 inches.	2 10	18 00
Heatherbloom. Heather-pink with center shaded rose-red with gold tipping. Very double. An outstanding variety. Late September. 20 inches.	2 10	18 00
Kathleen Lehman. Brightest orange-gold deepening to red-gold at center. A new bronze. Late September.	2 40	20 00
Magnificent. Flowers of plum-red or rosy-cardinal with coppery cast. Strong branches with 4 in. flowers excellent for cutting. Early October.	2 40	20 00
Meditation. Full double blooms 3 inches in diameter. Firm two-toned flowers of light jasper-red and maize-yellow with orange reverse. When mature the flowers are a clear bright reddish peach. An excellent cut flower. The 1948 "Mum of the Year." Early October. 30 inches.	2 90	25 00
Olive Longland. Blooms are double apricot-toned salmon-pink, 3 inches in diameter. The best of the Chicago pastels. Erect growth. Late September. 24-30 inches.	2 10	18 00
Pepita. Button Pom-Pom, densely quilled. Egg-shell-white with darker center. Changing to pure white with cream center. Late September. 22 inches.	2 10	18 00
Remembrance. Deep ruby-carmine color that is retained for the life of the flower. Very frost hardy. Late September.	2 40	20 00

HARDY PERENNIAL PLANTS—Continued

NEW HARDY ENGLISH CHRYSANTHEMUMS

	Per 10	Per 100
Adoration. Large spreading double blooms. Pink on a cream background. Easy to disbud. Plants will carry 6 to 8 blooms 5 to 6 inches in diameter. Fine for cutting. Late September. 36 inches.	\$ 2 90	\$ 25 00
Leda. Large heliotrope pink beautifully rolled petals. Double flowers 4 to 5 inches in diameter are produced when disbudded to a dozen or so to the plant. Excellent for early cut flowers. Strong stems. Early September. 30 inches.	2 40	20 00
Primrose. An immense primrose yellow flower shading to cream. A strong grower. Good as sprays, but immense if disbudded. A beauty. September.	2 90	25 00
Vulcan. Large brilliant crimson well shaped flowers are produced profusely. The best of the English reds. Mid-September. 26 inches.	2 40	20 00

CUSHION CHRYSANTHEMUMS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Bronze Cushion, double flowers compact mounds of bronze and copper. Early.	\$ 1 80	\$ 15 00
Pink Cushion, masses of light pink flowers in broad mounds.	1 80	15 00
Purple Cushion. A new perfectly round, bushy plant completely covered with very attractive, fully double purplish-rose colored flowers, with deep wine colored centers.	2 40	20 00
Red Cushion, a splendid improved early crimson red variety.	1 80	15 00
White Cushion, a select strain, double white flowers.	1 80	15 00
Yellow Cushion, pure golden yellow; early flowering and long lasting.	1 80	15 00

HARDY CARNATION—See *Dianthus Grenadin Caryophyllus*

COREOPSIS, Tickseed

Mayfield Giant, large yellow flowers on firm, strong stems.	\$ 1 20	\$ 10 00
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DAISY SHASTA, *Chrysanthemum Maximum*

Alaska Supreme, shapely plants, large flowers. June-July.	1 20	10 00
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DELPHINIUM

Cliveden Beauty, large spikes, sky-blue flowers. Good forcer. Blooms most of the Summer. 4-5 ft.	1 20	10 00
La Martine, dark indigo-blue flowers. Blooms profusely and continuously all summer, is not subject to disease. 4 to 5 ft.	1 20	10 00

★DIANTHUS

Barabatus, Old Fashioned Sweet William.

This is the old fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Newport Pink. Rich Salmon pink. This variety being grown from seed is always partly mixed.	1 20	10 00
Nigricans. Very dark crimson flowers bronzy foliage.	1 20	10 00
Purple Beauty. Bright deep purple.	1 20	10 00
Scarlet Beauty. 18 inches.	1 20	10 00
White Beauty. 18 inches.	1 20	10 00

Latifolius.

Atrococcineous flore pleno, deep intense scarlet; double flowering. Blooms all Summer. 12 inches.	1 60	12 00
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HARDY PERENNIAL PLANTS—Continued**★DIANTHUS—Continued**

Per 10 Per 100

Plumaris.

Scoticus Double. Special strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.	\$ 1 80	\$ 15 00
Smpreflorens flore pleno. Single and double pinks. 15 inches. ...	1 40	12 00
Spring Beauty. Double and single blooms of rose, pink and white; fragrant flowers on long spikes. Blooms throughout the summer.	1 80	15 00

**DIANTHUS GRENADIN CARYOPHYLLUS
(HARDY CARNATION)**

This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties.

Per 10 Per 100

Golden Sun. Early flowering, very double, large clear yellow flowers.	\$ 1 80	\$ 15 00
King of the Blacks. Deep Maroon. Almost Black.	1 80	15 00
Rose Queen Triumph. Deep delicate pink.	1 80	15 00
Cardinal. Bright scarlet.	1 80	15 00
White.	1 80	15 00

DIELYTRA, (DICENTRA) Bleeding Heart

★exima, Fern-leaved Bleeding Heart. A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in. ...	2 10	18 00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive. 18-in. Undivided plants. 3 to 5 eye.	4 50	40 00

★FUNKIA, plaintain Lily

lancifolia, green foliage, lilac flowers. July-Aug. 18 in.	\$ 1 80	\$ 15 00
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GAILLARDIA, Blanket Flower. June until frost.

Burgundy, rich wine-red; excellent for cutting. 1½ to 2 ft.	1 80	15 00
Dazzler, large golden and maroon flowers, strong stems. 1½ ft.	1 40	12 00

GYPSOPHILA, Baby's Breath

Bristol Fairy, large panicles of the purest white double flowers. Blooms all summer. 2 ft.	4 00	35 00
Oldhamiana, flowers white delicately tinted pink; upright growth. Blooms late in Autumn. 3 ft.	1 80	15 00
paniculata compacta, a symmetrical mass of minute white flowers during August and September. 2 ft.	1 20	10 00

HARDY PERENNIAL PLANTS—Continued

HEMEROCALLIS, Day Lily	Per 10	Per 100
Dawn. A new English introduction. A very good and unusual variety. Blooms are rose-buff in color and over 5 inches across. July and August. 38 inches.	\$ 3 50	\$ 30 00
flava , clear lemon yellow, sweet scented, profuse. June. 2½ ft. yellow base. A vigorous tall grower. 5-6 ft.	1 80	15 00
Kwanso Fl. Pl. , a double-flowering variety; rich golden bronze. July-August. 4 ft.	1 80	15 00
Margaret Perry , brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.	2 40	20 00
Mrs. H. Wyman , perfect, well rounded flowers of pure gold. July-August. 4 ft.	2 40	20 00
Thunbergi , much like Flava but flowers one month later. July. 2½ ft.	1 20	10 00
★HEUCHERA, Coralbells		
brizoides , coral-pink, very prolific. May. 12 in. 2 in. pot plants.	\$ 1 30	\$ 15 00
HIBISCUS, Rose Mallow		
Crimson Eye. Pure white deep crimson eye.	1 80	15 00
Marvel's Red. Pure red, no eye.	1 80	15 00
Marvel's Pink. Pure pink, no eye.	1 80	15 00
LATHYRUS, Everlasting Sweet Pea		
latifolium , a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft.	1 40	12 00
LAVENDULA (Lavender)		
vera , fragrant blue flowers. The true Sweet Lavender. July and August. 18 in.	2 00	18 00
★LINUM, Flax		
perenne , bright blue flowers, upright growth.	1 20	10 00
perenne alba , white flowers, upright growth.	1 20	10 00
LOBELIA, Indian Paintbrush		
Cardinalis , Cardinal Flower, rich, fiery cardinal flowers often producing 5 to 6 spikes. August-September. 30 in.	1 80	15 00
LUPINUS		
polyphyllus		
Russell Hybrids , striking pea-shaped flowers of unusual color combinations produced on strong 3 to 4 foot spikes. Spring delivery only.	1 80	15 00
MYOSOTIS, Forget-me-not		
★Palustris semperflorens , rich blue flower, yellow eye. Blooms all summer. 8 in.	1 40	12 00
Pink Beauty. Clusters of large, deep pink forget-me-not flowers. Good cut flower. June to September.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
Africa. Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 inches.	\$ 1 80	\$15 00
American Beauty. A beautiful deep rose-pink. All that the name implies.	1 80	15 00
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three feet.	1 80	15 00
Apollo Red. Deep rose-red.	1 80	15 00
B. Comte, rich, satiny wine-red; one of the most brilliant.	1 80	15 00
Eva Forester, large heads of 30 to 40 individual flowers at one time. Flower clear pink and 1¼ in. across.	1 80	15 00
Fiancee, beautiful waxy white flowers. Blooms very late in the season.	1 80	15 00
Flash. New. Showy bright red. One of the best of the new Phlox.	1 80	15 00
Harvest Fire, large, salmon-orange trusses made up of large florets.	1 80	15 00
Jules Sandeau, rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms.	1 40	12 00
July Lights. Flowers early, grows to a medium height. Each floret shaded with a soft light red with a blood red eye. ..	1 80	15 00
Leo Schlageter, brilliant, glowing scarlet flowers in rich full trusses. One of the best red Phlox in existence today.	1 80	15 00
Lillian, the very popular variety resembling Columbia; a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	1 80	15 00
Moonlight Dream. Large rich creamy white trusses. Medium grower.	2 10	18 00
Morgenrood, large individual florets in big heads of bright rose with deeper eye. Excellent grower; strong stems.	1 80	15 00
Mrs. Harding, deep salmon-rose with orange cast; a fine large flowering variety of branching habit. Very prolific.	1 80	15 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	1 80	15 00
Pinkette. The large florets are soft, delicate pink. This unusual coloring is heightened by the fact that the little narrow tubes which fasten the florets to the stem are clear, deep pink.	2 10	18 00
Prime Minister, pure white with distinct crimson eye.	1 80	15 00
Progress. Superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2 10	18 00
Purple Sweetheart. Large reddish purple florets with darker eye. One of the best purples.	2 10	18 00
Rheinlander, salmon pink with carmine eye.	1 80	15 00
Rijnstroom, clear rose-pink with lavender cast. Large compact trusses. Vigorous grower. Very desirable.	1 40	12 00
Ruby Lee. Extra large plum-red flowers. Medium height.	2 10	18 00

HARDY PERENNIAL PLANTS—Continued**PHLOX, Paniculata—Continued**

Per 10 Per 100

Salmon Beauty , one of the most colorful of all Phlox. Large white eye in giant salmon florets. Color blends well with other Phlox.	\$ 1 80	\$ 15 00
Salmon Glow . Beautiful, large flame pink flowers with salmon flush.	1 80	15 00
San Antonio . Carmine shaded plum-red, the heads and individual flowers are very large.	2 10	18 00
Sieboldt . Orange scarlet with crimson eye.	1 80	15 00
Starlight , large purplish-violet florets with white star at center which creates a most unusual effect, a variety that is always in good demand.	1 80	15 00
Thor , deep salmon-pink, overlaid with a scarlet glow; small red eye. Not new but still one of the best. Very free-flowering.	1 40	12 00
World Peace . Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white.	2 40	20 00

PHLOX, subulata, Moss or Mountain Pinks

alba , pure white flowers cover the plant in May.	1 40	12 00
atropurpurea , deep carmine red, darker eye. May-June. 4 in.	1 40	12 00
Blue Emerald Cushion . New blue, with mats of lovely emerald-green foliage.	2 10	18 00
Emerald Cushion . A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping phlox.	2 40	20 00
lilacina , a strong-growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in.	1 40	12 00
May Snow . An extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2 10	18 00
Samson , rose-pink; darker eye. Blooms again in the Fall.	1 40	12 00

PHYSALIS, Chinese Lantern Plant. (RG)

Francheti . Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft.	1 40	12 00
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PLATYCODON, Balloon Flower. June and July. 18 in.

grandiflorum , blue.	1 40	12 00
Grandiflora Rosea , Lovely new pure rose-pink.	1 80	15 00

PYRETHRUM, Painted Daisy. May-June. 18 in.

atrosanguinea , deep rose-red, single flowers.	1 40	12 00
hybridum roseum , soft pink and rose shades, single.	1 40	12 00

SALVIA (Sage)

Edible, especially valuable for seasoning. 2 ft.	1 20	10 00
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★SEDUM, Stonecrop

Acre , (Golden Moss), green foliage, yellow flowers. July. 4 inches.	1 40	12 00
Kamtschaticum . Orange-yellow flowers with prostrate, green foliage turning golden in autumn.	1 80	15 00
Sexangulare . Yellow flowers, very dark green foliage. May-June. 4 inches.	1 80	15 00
Spectabilis Brilliant , light green foliage, broad heads of rich rose-red flowers. August-September. 15 inches.	1 80	15 00

HARDY PERENNIAL PLANTS—Continued

SEDUM, Stonecrop—Continued	Per 10	Per 100
STATICE, Sea Lavender		
★ <i>latifolia</i> , immense heads of purplish blue minute flowers; will keep for months when dried. July-Aug. 18 in.	\$ 1 80	\$ 15 00
★ VINCA, Periwinkle		
minor, Bowles Variety blue flowers, beautiful glossy, evergreen foliage.	1 80	15 00
★ VIOLA, cornuta (Tufted Pansies) Best edging plant for hardy border. May. 6 in.		
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant.	1 40	12 00
White Perfection. Pure white pansy type. Blooms all summer.	1 40	12 00
YUCCA FILAMENTOSA		
Creamy-yellow. 6 foot. This plant with its broad, sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July. From root divisions.	2 10	18 00

LILIUM, Domestic Grown

<i>regale</i> , flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.		
4 to 6 in.	90	7 00
<i>tenuifolium (Coral L.)</i> . Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
2 to 3 in.	70	6 00
3 to 4 in.	1 00	8 00
4 to 5 in.	1 40	12 00
<i>tigrinum</i> , the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Double 4 to 6 in.	1 00	8 00
Double 6 to 8 in.	1 40	12 00

LILY-OF-THE-VALLEY (Convallaria majalis)

Very fragrant pure white, bell-shaped flowers for shaded locations.

Pips	40	3 50
Clumps (10 pips each)	2 90	25 00

DAHLIAS

The Dahlias offered are all exceptionally fine, reasonably priced varieties; strong healthy tubers with good crowns and eyes. Varieties offered were selected for their adaptability to the average garden, freeness of bloom and cut-flower value.

DECORATIVE:	Per 10	Per 100
Avalon , the finest canary yellow; excellent for cuttings	\$ 1 80	\$ 15 00
Gertrude Brinton , brilliant scarlet-crimson	1 80	15 00
Jane Cowl , glistening bronze-buff and salmon shades	2 10	18 00
Jean Kerr , pure white, a fine cut flower	1 80	15 00
Jersey Beauty , very popular pink. Profuse bloomer	2 10	18 00
Mrs. I. de Ver Warner , orchid pink; large and popular	1 80	15 00

GLADIOLI

We offer a splendid selection of the better, larger flowering varieties; outstanding varieties at attractive prices. They are clean, disease-free bulbs that always give satisfaction.

MAROON and SARLET SHADES

	Per 100	Per 1000
Black Opal , Considered by many the finest extremely dark red. The very deep maroon flowers are borne on excellent long spikes.	\$ 5 00	\$ 45 00
Burma , A prize winning new Glad. Very large heavily ruffled flowers of glowing rose-red.	5 50	50 00
Mansoor , A new shade in Glads. Blood red on brown background. Flowers are borne on tall stems.	5 50	50 00
Stoplight , A perfect scarlet red. Tall straight spikes with large ruffled flowers of rich velvety crimson.	4 50	40 00
Valeria , A scarlet red that is a favorite as a cut flower because of its tall spikes with many flowers open at once.	4 50	40 00

PINK, ROSE and SALMON SHADES

Chamouny , Brilliant cerise-red with a pronounced lighter edge. Many flowers open at once on tall strong stems. An outstanding new Glad.	5 50	50 00
Ethel C. Cole , A pure light pink. Tall strong stems, an early bloomer.	4 50	40 00
Gratitude , Ruffled salmon-orange flowers with yellow throat	4 50	40 00

LAVENDER, VIOLET and BLUE SHADES

Abu Hassan , A new Glad that is considered to be the finest dark violet-blue.	5 50	50 00
Lavender Dream , A beautiful new lavender Glad and a fine cut flower.	5 50	50 00
Purple Supreme , A rich purple Glad. The tall spikes are covered with flowers, many of them being open at once.	5 50	50 00

YELLOW SHADES

Oregon Gold , Ruffled yellow flowers with deeper yellow throat. A late blooming variety.	4 50	40 00
Yellow Spotlight , A very unusual new variety. The large clear brilliant yellow flowers are perfect in form. A small red mark in the throat greatly enhances its beauty.	5 50	50 00

WHITE and CREAM SHADES

Salmon's Glory . The flowers of this new Glad are very large creamy-white with a large showy red blotch edged yellow. Its tall stately spikes make it outstanding in the garden or as a cut flower.	6 00	55 00
White Gold , A beautiful outstanding large Glad. The huge flowers are a satiny cream shading to gold. A truly sensational Glda.	4 50	40 00

BOXING CHARGES

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30x30x5	4 50	20x20x5	3 75
30x30x4	3 50	18x19x10	5 50
24x24x10	6 00	16x16x10	4 25
24x24x8	5 50	12x12x10	3 50

CORRUGATED BOXES

72x20x20	\$2 25	48x20x20	\$1 25
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This is the end of the book but not the end of the job. **Your** job is not done unless **you** have mailed or phoned in **your** full requirement for the coming season.

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Lake's Shenandoah Nurseries

Phone 406

SHENANDOAH, IOWA

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Hedging -----	28	Tamarix -----	24
Honeysuckle -----	18-19-27-28	Terms -----	2
Horseradish -----	8	Thorn -----	14
Hydrangea -----	19	True Hedge Columnberry -----	15
Hypericum -----	19		
I		V	
Ivy -----	26-27	Viburnum -----	25
		Vinca -----	26-48
K		VINES -----	26-27
Kolkwitzia -----	19	Vitex -----	25
		W	
		Walnut -----	10
		Weigela -----	25-26
		Willow -----	10-14-28
		Wisteria -----	27

And here it is !

LAKE'S always has
... Something New

NOW

A full line of colorful packaged
nursery stock.

A brand new design.

- ★ IT IS BRIGHT
- ★ IT IS ATTRACTIVE
- ★ IT IS APPEALING
- ★ IT SELLS ITSELF

No comparison in the trade.

Ask us for our complete list of this beautiful packaged nursery stock.